

Excluded Literature

Authors	Article Title	Year	Reason for Exclusion
	Deep brain stimulation better than best medical therapy for Parkinson disease	2009	Abstract only
	Impaired motor skill acquisition using mirror visual feedback improved by transcranial direct current stimulation (tDCS) in patients with Parkinson's disease	2019	Fewer than 10 patients in PD comparison groups
Adams, V.; Mathisen, B.; Baines, S.; Lazarus, C.; Callister, R.	A systematic review and meta-analysis of measurements of tongue and hand strength and endurance using the Iowa Oral Performance Instrument (IOPI)	2013	References reviewed
Advocat, J.; Enticott, J.; Vandenberg, B.; Hassed, C.; Hester, J.; Russell, G.	The effects of a mindfulness-based lifestyle program for adults with Parkinson's disease: A mixed methods, wait list controlled randomised control study	2016	Doesn't address question of interest
Ajimsha, M.S.; Majeed, N.A.; Chinnavan, E.; Thulasyammal, R.P.	Effectiveness of autogenic training in improving motor performances in Parkinson's disease	2014	Doesn't address comparison of interest
Alashram, A.R.; Padua, E.; Annino, G.	Effects of Whole Body Vibration on Motor Impairments in Patients with Neurological Disorders: A Systematic Review	2019	Systematic review
Albiol-Perez, S.; Gil-Gomez, J.A.; Munoz-Tomas, M.T.; Gil-Gomez, H.; Vial-Escolano, R.; Lozano-Quilis, J.A.	The Effect of Balance Training on Postural Control in Patients with Parkinson's Disease Using a Virtual Rehabilitation System	2017	Not RCT
Alcock, L.; Galna, B.; Hausdorff, J.M.; Lord, S.; Rochester, L.	Gait & Posture Special Issue: Gait adaptations in response to obstacle type in fallers with Parkinson's disease	2018	Not RCT
Allen, N.E.; Song, J.; Paul, S.S.; Sherrington, C.; Murray, S.M.; O'Rourke, S.D.; Lord, S.R.; Fung, V.S.C.; Close, J.C.T.; Howard, K.; Canning, C.G.	Predictors of Adherence to a Falls Prevention Exercise Program for People with Parkinson's Disease	2015	No comparison group
Allen, N.E.; Song, J.; Paul, S.S.; Smith, S.; O'Duffy, J.; Schmidt, M.; Love, R.; Sherrington, C.; Canning, C.G.	An interactive videogame for arm and hand exercise in people with Parkinson's disease: A randomized controlled trial	2017	Does not address comparison of interest
Alloni, A.; Quaglini, S.; Panzarasa, S.; Sinforiani, E.; Bernini, S.	Evaluation of an ontology-based system for computerized cognitive rehabilitation	2018	No PT intervention
Alves, M.L.M.; Mesquita, B.S.; Morais, W.S.; Leal, J.C.; Satler, C.E.; Dos Santos Mendes, F.A.	Nintendo WiiTM Versus Xbox KinectTM for Assisting People With Parkinson's Disease	2018	Fewer than 10 patients in each group
Alves, W.M.; Alves, T.G.; Ferreira, R.M.; Lima, T.A.; Pimentel, C.P.; Sousa, E.C.; Abrahin, O.S.; Alves, E.A.	Strength training improves the respiratory muscle strength and quality of life of elderly with Parkinson's disease	2019	Duplicate of AAOS ID 6867
Alwardat, M.; Etoom, M.	Effectiveness of robot-assisted gait training on freezing of gait in people with Parkinson disease: evidence from a literature review	2019	References reviewed
Alzahrani, H.; Venneri, A.	Cognitive Rehabilitation in Parkinson's Disease: A Systematic Review	2018	References reviewed

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Amboni, M.; Iuppariello, L.; Iavarone, A.; Fasano, A.; Palladino, R.; Rucco, R.; Picillo, M.; Lista, I.; Varriale, P.; Vitale, C.; Cesarelli, M.; Sorrentino, G.; Barone, P.	Step length predicts executive dysfunction in Parkinson's disease: a 3-year prospective study	2018	Not RCT
Antonini, A.; Gentile, G.; Giglio, M.; Marcante, A.; Gage, H.; Touray, M.M.L.; Fotiadis, D.I.; Gatsios, D.; Konitsiotis, S.; Timotijevic, L.; Egan, B.; Hodgkins, C.; Biundo, R.; Pellicano, C.; P.D_Manager consortium	Acceptability to patients, carers and clinicians of an mHealth platform for the management of Parkinson's disease (PD_Manager): study protocol for a pilot randomised controlled trial	2018	No result sections
Apte, S.; Plooij, M.; Vallery, H.	Influence of body weight unloading on human gait characteristics: A systematic review	2018	References reviewed
Arfa-Fatollahkhani, P.; Safar Cherati, A.; Habibi, S.A.H.; Shahidi, G.A.; Sohrabi, A.; Zamani, B.	Effects of treadmill training on the balance, functional capacity and quality of life in Parkinson's disease: A randomized clinical trial	2019	Fewer than 10 patients per group (controls n=9)
Armitage, L.C.; Kassavou, A.; Sutton, S.	Do mobile device apps designed to support medication adherence demonstrate efficacy? A systematic review of randomised controlled trials, with meta-analysis	2020	References reviewed
Ashburn, A.; Roberts, L.; Pickering, R.; Roberts, H.C.; Wiles, R.; Kunkel, D.; Hulbert, S.; Robison, J.; Fitton, C.	A design to investigate the feasibility and effects of partnered ballroom dancing on people with Parkinson disease: randomized controlled trial protocol	2014	Not a complete study; no result
Ayan, C.; Varela, S.; Vila, M.H.; Seijo-Martinez, M.; Cancela, J.M.	Treadmill training combined with water and land-based exercise programs: Effects on Parkinson's disease patients	2016	Not randomized; fewer than 10 patients per group
Baertschi, M.; Dos Santos, J.F.A.; Burkhard, P.; Weber, K.; Canuto, A.; Favez, N.	The burden of normality as a model of psychosocial adjustment after deep brain stimulation for Parkinson's disease: A systematic investigation	2019	References reviewed
Barbe, M.T.; Tonder, L.; Krack, P.; Debu, B.; Schupbach, M.; Paschen, S.; Dembek, T.A.; Kuhn, A.A.; Fraix, V.; Brefel-Courbon, C.; Wojtecki, L.; Maltete, D.; Damier, P.; Sixel-Doring, F.; Weiss, D.; Pinsker, M.; Witjas, T.; Thobois, S.; Schade-Brittinger, C.; Rau, J.; Houeto, J.L.; Hartmann, A.; Timmermann, L.; Schnitzler, A.; Stoker, V.; Vidailhet, M.; Deuschl, G.; Earlystim study group	Deep Brain Stimulation for Freezing of Gait in Parkinson's Disease With Early Motor Complications	2020	Doesn't address question of interest
Barboza, N.M.; Terra, M.B.; Bueno, M.E.B.; Christofoletti, G.; Smaili, S.M.	Physiotherapy Versus Physiotherapy Plus Cognitive Training on Cognition and Quality of Life in Parkinson Disease: Randomized Clinical Trial	2019	No PT intervention
Beall, E.B.; Lowe, M.J.; Alberts, J.L.; Frankemolle, A.M.; Thota, A.K.; Shah, C.; Phillips, M.D.	The effect of forced-exercise therapy for Parkinson's disease on motor cortex functional connectivity	2013	Not RCT

Authors	Article Title	Year	Reason for Exclusion
Behrendt, F.; Schuster-Amft, C.	Using an interactive virtual environment to integrate a digital Action Research Arm Test, motor imagery and action observation to assess and improve upper limb motor function in patients with neuromuscular impairments: a usability and feasibility study protocol	2018	Study protocol
Bekkers, E.M.J.; Dijkstra, B.W.; Dockx, K.; Heremans, E.; Verschueren, S.M.P.; Nieuwboer, A.	Clinical balance scales indicate worse postural control in people with Parkinson's disease who exhibit freezing of gait compared to those who do not: A meta-analysis	2017	References reviewed
Bekkers, E.M.J.; Mirelman, A.; Alcock, L.; Rochester, L.; Nieuwhof, F.; Bloem, B.R.; Pelosin, E.; Avanzino, L.; Cereatti, A.; Della Croce, U.; Hausdorff, J.M.; Nieuwboer, A.	Do Patients With Parkinson's Disease With Freezing of Gait Respond Differently Than Those Without to Treadmill Training Augmented by Virtual Reality?	2020	Doesn't address comparison of interest
Benninger, D.H.; Lomarev, M.; Lopez, G.; Wassermann, E.M.; Li, X.; Considine, E.; Hallett, M.	Transcranial direct current stimulation for the treatment of Parkinson's disease	2010	No DBS intervention (DCS = noninvasive)
Bernini, S.; Alloni, A.; Panzarasa, S.; Picascia, M.; Quaglini, S.; Tassorelli, C.; Sinforiani, E.	A computer-based cognitive training in mild cognitive impairment in parkinson's disease	2019	No PT intervention
Bevilacqua, R.; Maranesi, E.; Di Rosa, M.; Luzi, R.; Casoni, E.; Rinaldi, N.; Baldoni, R.; Lattanzio, F.; Di Donna, V.; Pelliccioni, G.; Riccardi, G.R.	Rehabilitation of older people with Parkinson's disease: an innovative protocol for RCT study to evaluate the potential of robotic-based technologies	2020	Study protocol
Bevilacqua, R.; Maranesi, E.; Riccardi, G.R.; Di Donna, V.; Pelliccioni, P.; Luzi, R.; Lattanzio, F.; Pelliccioni, G.	Non-immersive virtual reality for rehabilitation of the older people: A systematic review into efficacy and effectiveness	2019	References reviewed
Bhatt, T.; Yang, F.; Mak, M.K.; Hui-Chan, C.W.; Pai, Y.C.	Effect of externally cued training on dynamic stability control during the sit-to-stand task in people with Parkinson disease	2013	Fewer than 10 patients
Bhimani, R.	Understanding the burden on caregivers of people with Parkinson's: A scoping review of the literature	2014	References reviewed
Blumen, H.M.; Verghese, J.	Motor imagery of walking and walking while talking: a pilot randomized-controlled trial protocol for older adults	2017	No result sections
Bonnechere, B.; Jansen, B.; Omelina, L.; Van Sint Jan, S.	The use of commercial video games in rehabilitation: a systematic review	2016	Systematic review
Bonni, S.; Ponzo, V.; Tramontano, M.; Martino Cinnera, A.; Caltagirone, C.; Koch, G.; Peppe, A.	Neurophysiological and clinical effects of blindfolded balance training (BBT) in Parkinson's disease patients: a preliminary study	2019	Fewer than 10 patients
Bonomo, R.; Mostile, G.; Raciti, L.; Contrafatto, D.; Dibilio, V.; Luca, A.; Sciacca, G.; Cicero, C.E.; Vasta, R.; Nicoletti, A.; Zappia, M.	Quantitative estimation of motor fluctuations in Parkinson's disease	2017	Not RCT
BrÄuninger, I.	The efficacy of dance movement therapy group on improvement of quality of life: A randomized controlled trial	2012	Patient population

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Brauer, S.G.; Woollacott, M.H.; Lamont, R.; Clewett, S.; O'Sullivan, J.; Silburn, P.; Mellick, G.D.; Morris, M.E.	Single and dual task gait training in people with Parkinson's disease: a protocol for a randomised controlled trial	2011	No result sections
Brienesse, L.A.; Emerson, M.N.	Effects of resistance training for people with Parkinson's disease: a systematic review	2013	Systematic review
Bryant, M.S.; Workman, C.D.; Jamal, F.; Meng, H.; Jackson, G.R.	Feasibility study: Effect of hand resistance exercise on handwriting in Parkinson's disease and essential tremor	2018	Fewer than 10 patients per group; Group 2 does not have PD
Bueno, M.E.B.; do Nascimento Neto, L.I.; Terra, M.B.; Barboza, N.M.; Okano, A.H.; Smaili, S.M.	Effectiveness of acute transcranial direct current stimulation on non-motor and motor symptoms in Parkinson's disease	2019	No DBS intervention (DCS = noninvasive)
Buhmann, C.; Huckhagel, T.; Engel, K.; Gulberti, A.; Hidding, U.; Poetter-Nerger, M.; Goerendt, I.; Ludewig, P.; Braass, H.; Choe, C.U.; Krajewski, K.; Oehlwein, C.; Mittmann, K.; Engel, A.K.; Gerloff, C.; Westphal, M.; Koppen, J.A.; Moll, C.K.E.; Hamel, W.	Adverse events in deep brain stimulation: A retrospective long-term analysis of neurological, psychiatric and other occurrences	2017	Not RCT
Burchiel, K.J.; Anderson, V.C.; Favre, J.; Hammerstad, J.P.	Comparison of pallidal and subthalamic nucleus deep brain stimulation for advanced Parkinson's disease: results of a randomized, blinded pilot study	1999	Fewer than 10 patients
Butterfield, L.C.; Cimino, C.R.; Salazar, R.; Sanchez-Ramos, J.; Bowers, D.; Okun, M.S.	The Parkinson's Active Living (PAL) Program	2017	Not RCT
Caetano, M.J.D.; Lord, S.R.; Allen, N.E.; Song, J.; Paul, S.S.; Canning, C.G.; Menant, J.C.C.	Executive functioning, muscle power and reactive balance are major contributors to gait adaptability in people with Parkinson's disease	2019	Not RCT
Calomeni, M.R.; Furtado da Silva, V.; Velasques, B.B.; Feijo, O.G.; Bittencourt, J.M.; Ribeiro de Souza, E.Silva A.P.	Modulatory Effect of Association of Brain Stimulation by Light and Binaural Beats in Specific Brain Waves	2017	Patient population-comparing groups not relevant
Cancela, J.M.; Mollinedo Cardalda, I.; Ayan, C.; de Oliveira, I.M.	Feasibility and Efficacy of Mat Pilates on People with Mild-to-Moderate Parkinson's Disease: A Preliminary Study	2018	No comparison group
Cancela, J.M.; Mollinedo, I.; Montalvo, S.; Vila Suarez, M.E.	Effects of a High-Intensity Progressive-Cycle Program on Quality of Life and Motor Symptomatology in a Parkinson's Disease Population: A Pilot Randomized Controlled Trial	2020	Fewer than 10 patients per group
Canning, C.G.; Allen, N.E.; Dean, C.M.; Goh, L.; Fung, V.S.	Home-based treadmill training for individuals with Parkinson's disease: a randomized controlled pilot trial	2012	Fewer than 10 patients in each group
Capato, T.T.; Tornai, J.; Avila, P.; Barbosa, E.R.; Piemonte, M.E.	Randomized controlled trial protocol: balance training with rhythmical cues to improve and maintain balance control in Parkinson's disease	2015	No result sections
Capato, T.; De Vries, N.; Barbosa, E.; Nonnekes, J.; Bloem, B.	Multimodal balance training with rhythmical cues in Parkinson's disease: a randomized clinical trial	2019	PDF contains abstracts only
Carroll, L.M.; Morris, M.E.; O'Connor, W.T.; Clifford, A.M.	Is Aquatic Therapy Optimally Prescribed for Parkinson's Disease? A Systematic Review and Meta-Analysis	2020	References reviewed

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Carroll, L.M.; Volpe, D.; Morris, M.E.; Saunders, J.; Clifford, A.M.	Aquatic Exercise Therapy for People With Parkinson Disease: A Randomized Controlled Trial	2017	Fewer than 10 patients in each group
Carvalho, A.; Barbirato, D.; Araujo, N.; Martins, J.V.; Cavalcanti, J.L.; Santos, T.M.; Coutinho, E.S.; Laks, J.; Deslandes, A.C.	Comparison of strength training, aerobic training, and additional physical therapy as supplementary treatments for Parkinson's disease: pilot study	2015	Fewer than 10 patients in each group
Cascaes da Silva, F.; Iop Rda, R.; Domingos Dos Santos, P.; Aguiar Bezerra de Melo, L.M.; Barbosa Gutierrez Filho, P.J.; da Silva, R.	Effects of Physical-Exercise-Based Rehabilitation Programs on the Quality of Life of Patients With Parkinson's Disease: A Systematic Review of Randomized Controlled Trials	2016	References reviewed
Chang, W.H.; Kim, M.S.; Park, E.; Cho, J.W.; Youn, J.; Kim, Y.K.; Kim, Y.H.	Effect of Dual-Mode and Dual-Site Noninvasive Brain Stimulation on Freezing of Gait in Patients With Parkinson Disease	2017	Noninvasive brain stimulation (not DBS)
Charles, D.; Konrad, P.E.; Neimat, J.S.; Molinari, A.L.; Tramontana, M.G.; Finder, S.G.; Gill, C.E.; Bliton, M.J.; Kao, C.; Phibbs, F.T.; Hedera, P.; Salomon, R.M.; Cannard, K.R.; Wang, L.; Song, Y.; Davis, T.L.	Subthalamic nucleus deep brain stimulation in early stage Parkinson's disease	2014	Does not address question of interest
Chawla, H.; Walia, S.; Behari, M.; Noohu, M.M.	Effect of type of secondary task on cued gait on people with idiopathic Parkinson's disease	2014	No comparison group
Chen, Y.Y.; Guan, B.S.; Li, Z.K.; Yang, Q.H.; Xu, T.J.; Li, H.B.; Wu, Q.Y.	Application of telehealth intervention in Parkinson's disease: A systematic review and meta-analysis	2018	Systematic review
Chen, Y.; Gao, Q.; He, C.Q.; Bian, R.	Effect of Virtual Reality on Balance in Individuals With Parkinson Disease: A Systematic Review and Meta-Analysis of Randomized Controlled Trials	2020	References reviewed
Cheung, C.; Bhimani, R.; Wyman, J.; Konczak, J.; Mishra, U.; Terluk, M.; Kartha, R.; Tuite, P.	Effects of yoga on oxidative stress, motor function, and nonmotor symptoms in Parkinson's disease: a pilot randomized controlled trial	2019	PDF contains abstracts only
Cheung, R.; Wong-Yu, I.S.K.; Mak, M.K.Y.	The protocol for a combined upper limb exercise and Do-It- Yourself community program for people with Parkinson's disease	2019	PDF contains abstracts only
Chiviacowsky, S.; Wulf, G.; Lewthwaite, R.; Campos, T.	Motor learning benefits of self-controlled practice in persons with Parkinson's disease	2012	Does not address question of interest
Cholewa, J.; Cholewa, J.; Gorzkowska, A.; Malecki, A.; Stanula, A.	Can Rehabilitation Influence the Efficiency of Control Signals in Complex Motion Strategies?	2017	Not RCT
Christiansen, C.; Moore, C.; Schenkman, M.; Kluger, B.; Kohrt, W.; Delitto, A.; Berman, B.; Hall, D.; Josbeno, D.; Poon, C.; Robichaud, J.; Wellington, T.; Jain, S.; Comella, C.; Corcos, D.; Melanson, E.	Factors Associated With Ambulatory Activity in De Novo Parkinson Disease	2017	Comparison of male and female with exercise endurance
Chung, C.L.; Thilarajah, S.; Tan, D.	Effectiveness of resistance training on muscle strength and physical function in people with Parkinson's disease: a systematic review and meta-analysis	2016	References reviewed

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Cikajlo, I.; Peterlin Potisk, K.	Advantages of using 3D virtual reality based training in persons with Parkinson's disease: a parallel study	2019	Doesn't address comparison of interest
Claesson, I.M.; StÅ¥hle, A.; LÅ¶k, J.; Grooten, W.J.A.	Somatosensory Focused Balance Training without cues can improve balance and gait in early Parkinsonâ??s diseaseâ??a randomised pilot study	2018	Fewer than 10 patients
Clarke, C.E.; Patel, S.; Ives, N.; Rick, C.E.; Dowling, F.; Woolley, R.; Wheatley, K.; Walker, M.F.; Sackley, C.M.	Physiotherapy and occupational Therapy vs No Therapy in mild to moderate Parkinson disease	2016	Duplicate of AAOS ID 912
Clarke, C.E.; Patel, S.; Ives, N.; Rick, C.E.; Woolley, R.; Wheatley, K.; Walker, M.F.; Zhu, S.; Kandiyali, R.; Yao, G.; Sackley, C.M.	Clinical effectiveness and cost-effectiveness of physiotherapy and occupational therapy versus no therapy in mild to moderate Parkinson's disease: a large pragmatic randomised controlled trial (PD REHAB)	2016	Same study as AAOS ID 912; keep for cost analysis
Colgrove, Yvonne Searls; Sharma, Neena; Kluding, Patricia; Potter, Debra; Imming, Kayce	Effect of yoga on motor function in people with Parkinsonâ??s disease: a randomized, controlled pilot study	2012	Fewer than 10 patients per group
Collett, J.; Franssen, M.; Winward, C.; Izadi, H.; Meaney, A.; Mahmoud, W.; Bogdanovic, M.; Tims, M.; Wade, D.; Dawes, H.	A long-term self-managed handwriting intervention for people with Parkinson's disease: results from the control group of a phase II randomized controlled trial	2017	No PT outcomes
Combs, S.A.; Diehl, M.D.; Filip, J.; Long, E.	Short-distance walking speed tests in people with Parkinson disease: reliability, responsiveness, and validity	2014	Not RCT
Comella, C.L.; Stebbins, G.T.; Brown-Toms, N.; Goetz, C.G.	Physical therapy and Parkinson's disease: a controlled clinical trial	1994	Not relevant to criteria
Conradsson, D.; Lofgren, N.; Stahle, A.; Hagstromer, M.; Franzen, E.	A novel conceptual framework for balance training in Parkinson's disease-study protocol for a randomised controlled trial	2012	No result sections
Contarino, M.F.; Marinus, J.; van Hilten, J.J.	Does deep brain stimulation of the subthalamic nucleus prolong survival in Parkinson's Disease?	2018	Commentary review
Cosentino, C.; Baccini, M.; Putzolu, M.; Ristori, D.; Avanzino, L.; Pelosin, E.	Effectiveness of Physiotherapy on Freezing of Gait in Parkinson's Disease: A Systematic Review and Meta-Analyses	2020	References reviewed
Crizzie, A.M.; Newhouse, I.J.	Is physical exercise beneficial for persons with Parkinson's disease?	2006	Systematic review
Cruickshank, T.M.; Reyes, A.R.; Ziman, M.R.	A systematic review and meta-analysis of strength training in individuals with multiple sclerosis or Parkinson disease	2015	Systematic review
Cubo, E.; Leurgans, S.; Goetz, C.G.	Short-term and practice effects of metronome pacing in Parkinson's disease patients with gait freezing while in the 'on' state: randomized single blind evaluation	2004	No separate comparison group
Cugusi, L.; Manca, A.; Bergamin, M.; Di Blasio, A.; Monticone, M.; Deriu, F.; Mercuro, G.	Aquatic exercise improves motor impairments in people with Parkinson's disease, with similar or greater benefits than land-based exercise: a systematic review	2019	References reviewed
Cugusi, L.; Manca, A.; Dragone, D.; Deriu, F.; Solla, P.; Secci, C.; Monticone, M.; Mercuro, G.	Nordic Walking for the Management of People With Parkinson Disease: A Systematic Review	2017	References reviewed
Cunnington, R.; Iansek, R.; Bradshaw, J.L.; Phillips, J.G.	Movement-related potentials in Parkinson's disease. Presence and predictability of temporal and spatial cues	1995	Patient population-not all PD

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Cwiekala-Lewis, K.J.; Gallek, M.; Taylor-Piliae, R.E.	The effects of Tai Chi on physical function and well-being among persons with Parkinson's Disease: A systematic review	2017	References reviewed
da Silva, F.C.; Iop, R.D.R.; de Oliveira, L.C.; Boll, A.M.; de Alvarenga, J.G.S.; Gutierrez Filho, P.J.B.; de Melo, Lmab; Xavier, A.J.; da Silva, R.	Effects of physical exercise programs on cognitive function in Parkinson's disease patients: A systematic review of randomized controlled trials of the last 10 years	2018	References reviewed
DÁez-Cirarda, M.; Ojeda, N.; Peñalva, J.; Cabrera-Zubizarreta, A.; Lucas-Jiménez, O.; Gámez-Esteban, J.C.; Gámez-Beldarrain, M.Á.; Ibarretxe-Bilbao, N.	Increased brain connectivity and activation after cognitive rehabilitation in Parkinsonâ??s disease: a randomized controlled trial	2017	Not a PT intervention
de Dreu, M.J.; van der Wilk, A.S.; Poppe, E.; Kwakkel, G.; van Wegen, E.E.	Rehabilitation, exercise therapy and music in patients with Parkinson's disease: a meta-analysis of the effects of music-based movement therapy on walking ability, balance and quality of life	2012	References reviewed
De Freitas Tb Ms, P.T.; Leite, Phw Bs; Dona F PhD, P.T.; Pompeu Je PhD, P.T.; Swarowsky A PhD, P.T.; Torriani-Pasin C PhD, P.T.	The effects of dual task gait and balance training in Parkinson's disease: a systematic review	2018	Systematic review
De Luca, R.; Latella, D.; Maggio, M.G.; Di Lorenzo, G.; Maresca, G.; Sciarrone, F.; Militi, D.; Bramanti, P.; Calabro, R.S.	Computer assisted cognitive rehabilitation improves visuospatial and executive functions in Parkinson's disease: Preliminary results	2019	No PT intervention
de Oliveira Braga, H.; Gregorio, E.C.; Myra, R.S.; de Souza, A.S.K.; Kunh, T.V.; Klug, J.; de Azevedo Guimaraes, A.C.; Swarowsky, A.	EMPOWER-PD - A physical therapy intervention to empower the individuals with Parkinson's disease: a study protocol for a feasibility randomized controlled trial	2019	No result sections
de Oliveira Lira, J.L.; Ugrinowitsch, C.; Fecchio, R.; Coelho, D.B.; Moreira-Neto, A.; Germano, R.; de Lima Miliatto, A.C.; Dos Santos Vieira Yano, B.C.; Silva-Batista, C.	Minimal detectable change for balance using the Biodex Balance System in patients with Parkinson's disease	2019	Not RCT
De Santis, K.K.; Kaplan, I.	The motor and the non-motor outcomes of Nordic Walking in Parkinson's disease: A systematic review	2020	References reviewed
Deane, K.H.; Jones, D.; Playford, E.D.; Ben-Shlomo, Y.; Clarke, C.E.	Physiotherapy for patients with Parkinson's Disease: a comparison of techniques	2001	Systematic review
Del Din, S.; Elshehabi, M.; Galna, B.; Hobert, M.; Warmerdam, E.; Suenkel, U.; Brockmann, K.; Metzger, F.; Hansen, C.; Berg, D.; Rochester, L.; Maetzler, W.	Gait analysis with wearables predicts conversion to Parkinson's disease	2019	Not RCT
Del Din, S.; Galna, B.; Lord, S.; Nieuwboer, A.; Bekkers, E.M.J.; Pelosin, E.; Avanzino, L.; Bloem, B.R.; Olde Rikkert, M.G.M.; Nieuwhof, F.; Cereatti, A.; Della Croce, U.; Mirelman,	Falls Risk in Relation to Activity Exposure in High-Risk Older Adults	2020	Doesn't address comparison of interest

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A.; Hausdorff, J.M.; Rochester, L.			
Del Olmo, M.F.; Sanchez-Molina, J.A.; Fernandez-Lago, H.; Morenilla-Burlo, L.; Gomez-Varela, J.	Effects of computerized cognitive training, with and without concurrent exercise, on executive functions in Parkinson's disease	2019	PDF contains abstracts only
Deuschl, G.; Schade-Brittinger, C.; Krack, P.; Volkmann, J.; Schäfer, H.; Bätz, K.; Daniels, C.; Deuschl-Ander, A.; Dillmann, U.; Eisner, W.; et al.,	A randomized trial of deep-brain stimulation for Parkinson's disease	2006	Doesn't address question of interest
Devos, H.; Ranchet, M.; Emmanuel Akinwuntan, A.; Uc, E.Y.	Establishing an evidence-base framework for driving rehabilitation in Parkinson's disease: A systematic review of on-road driving studies	2015	References reviewed
Di Giulio, I.; St George, R.J.; Kalliolia, E.; Peters, A.L.; Limousin, P.; Day, B.L.	Maintaining balance against force perturbations: impaired mechanisms unresponsive to levodopa in Parkinson's disease	2016	Not RCT
Dibble, L.E.; Addison, O.; Papa, E.	The effects of exercise on balance in persons with Parkinson's disease: a systematic review across the disability spectrum	2009	References reviewed
Dibilio, V.; Nicoletti, A.; Mostile, G.; Portaro, G.; Luca, A.; Patti, F.; Zappia, M.	Computer-assisted cognitive rehabilitation on freezing of gait in Parkinson's disease: A pilot study	2017	Fewer than 10 patients
Dibilio, V.; Nicoletti, A.; Mostile, G.; Toscano, S.; Luca, A.; Raciti, L.; Sciacca, G.; Vasta, R.; Cicero, C.E.; Contrafatto, D.; Zappia, M.	Dopaminergic and non-dopaminergic gait components assessed by instrumented timed up and go test in Parkinson's disease	2017	Not RCT
Djuric-Jovicic, M.; Belic, M.; Stankovic, I.; Radovanovic, S.; Kostic, V.S.	Selection of gait parameters for differential diagnostics of patients with de novo Parkinson's disease	2017	Patient population
Dobkin, B.H.; Duncan, P.W.	Should body weight-supported treadmill training and robotic-assistive steppers for locomotor training trot back to the starting gate?	2012	Commentary review- mixed population
Dobkin, R.D.; Mann, S.L.; Gara, M.A.; Interian, A.; Rodriguez, K.M.; Menza, M.	Telephone-based cognitive behavioral therapy for depression in Parkinson disease: A randomized controlled trial	2020	Cognitive behavioral therapy- not PT administered
Dockx, K.; Bekkers, E.M.; Van den Bergh, V.; Ginis, P.; Rochester, L.; Hausdorff, J.M.; Mirelman, A.; Nieuwboer, A.	Virtual reality for rehabilitation in Parkinson's disease	2016	References reviewed
Doruk, D.; Gray, Z.; Bravo, G.L.; Pascual-Leone, A.; Fregni, F.	Effects of tDCS on executive function in Parkinson's disease	2014	No DBS intervention (DCS = noninvasive)
Dos Santos Delabary, M.; Komeroski, I.G.; Monteiro, E.P.; Costa, R.R.; Haas, A.N.	Effects of dance practice on functional mobility, motor symptoms and quality of life in people with Parkinson's disease: a systematic review with meta-analysis	2018	References reviewed
Duncan, R.P.; Van Dillen, L.R.; Garbutt, J.M.; Earhart, G.M.; Perlmutter, J.S.	Physical therapy and deep brain stimulation in Parkinson's Disease: protocol for a pilot randomized controlled trial	2018	No result sections

Authors	Article Title	Year	Reason for Exclusion
Earhart, G.M.; Duncan, R.P.; Huang, J.L.; Perlmutter, J.S.; Pickett, K.A.	Comparing interventions and exploring neural mechanisms of exercise in Parkinson disease: a study protocol for a randomized controlled trial	2015	No result sections
Ebersbach, G.; Grust, U.; Ebersbach, A.; Wegner, B.; Gandor, F.; Kuhn, A.A.	Erratum to: Amplitude-oriented exercise in Parkinson's disease: a randomized study comparing LSVT-BIG and a short training protocol	2015	Not a full study
Elbers, R.G.; van Wegen, E.E.; Verhoeij, J.; Kwakkel, G.	Is gait speed a valid measure to predict community ambulation in patients with Parkinson's disease?	2013	Not relevant to criteria
Elbers, R.; van Wegen, E.E.H.; Rochester, L.; Hetherington, V.; Nieuwboer, A.; Willems, A.M.; Jones, D.; Kwakkel, G.	Is impact of fatigue an independent factor associated with physical activity in patients with idiopathic Parkinson's disease?	2009	Doesn't address question of interest
Erb, M.K.; Karlin, D.R.; Ho, B.K.; Thomas, K.C.; Parisi, F.; Vergara-Diaz, G.P.; Daneault, J.F.; Wacnik, P.W.; Zhang, H.; Kangarloo, T.; Demanuele, C.; Brooks, C.R.; Detheridge, C.N.; Shaafi Kabiri, N.; Bhangu, J.S.; Bonato, P.	mHealth and wearable technology should replace motor diaries to track motor fluctuations in Parkinsonâ??s disease	2020	Not RCT
Farag, I.; Sherrington, C.; Hayes, A.; Canning, C.G.; Lord, S.R.; Close, J.C.; Fung, V.S.; Howard, K.	Economic evaluation of a falls prevention exercise program among people With Parkinson's disease	2016	Cost analysis
Fellman, D.; Salmi, J.; Ritakallio, L.; Ellfolk, U.; Rinne, J.O.; Laine, M.	Training working memory updating in Parkinson's disease: A randomised controlled trial	2018	No PT intervention
Fernandez-Gonzalez, P.; Carratala-Tejada, M.; Monge-Pereira, E.; Collado-Vazquez, S.; Sanchez-Herrera Baeza, P.; Cuesta-Gomez, A.; Ona-Simbana, E.D.; Jardon-Huete, A.; Molina-Rueda, F.; Balaguer-Bernaldo de Quiros, C.; Miangolarra-Page, J.C.; Cano-de la Cuerda, R.	Leap motion controlled video game-based therapy for upper limb rehabilitation in patients with Parkinson's disease: a feasibility study	2019	Doesn't address comparison of interest
Fidan, O.; Seyyar, G.K.; Aras, B.; Colak, E.; Aras, O.	The effect of Tai Chi and Qigong on health-related quality of life in Parkinson's disease: a systematic review and meta-analysis of systematic reviews	2019	References reviewed
Fietzek, U.M.; Schroeteler, F.E.; Ziegler, K.; Zwosta, J.; Ceballos-Baumann, A.O.	Randomized cross-over trial to investigate the efficacy of a 2-week physiotherapy programme with repetitive exercises of cueing to reduce the severity of freezing of gait in patients with Parkinson's disease	2014	Fewer than 10 patients
Fil-Balkan, A.; Salci, Y.; Kekliceck, H.; Armutlu, K.; Aksoy, S.; Kayihan, H.; Elibol, B.	Sensorimotor integration training in Parkinson's disease	2018	Fewer than 10 patients in each group
Flach, A.; Jaegers, L.; Krieger, M.; Bixler, E.; Kelly, P.; Weiss, E.P.; Ahmad, S.O.	Endurance exercise improves function in individuals with Parkinson's disease: A meta-analysis	2017	References reviewed
Fletcher, E.; Goodwin, V.A.; Richards, S.H.; Campbell, J.L.; Taylor, R.S.	An exercise intervention to prevent falls in Parkinson's: an economic evaluation	2012	Not relevant to criteria

Authors	Article Title	Year	Reason for Exclusion
Flynn, A.; Allen, N.E.; Dennis, S.; Canning, C.G.; Preston, E.	Home-based prescribed exercise improves balance-related activities in people with Parkinson's disease and has benefits similar to centre-based exercise: a systematic review	2019	References reviewed
Fok, P.; Farrell, M.; McMeeken, J.; Kuo, Y.L.	The effects of verbal instructions on gait in people with Parkinson's disease: a systematic review of randomized and non-randomized trials	2011	Systematic review
Follett, K.A.; Torres-Russotto, D.	Deep brain stimulation of globus pallidus interna, subthalamic nucleus, and pedunculopontine nucleus for Parkinson's disease: which target?	2012	Commentary review
Follett, K.A.; Weaver, F.M.; Stern, M.; Hur, K.; Harris, C.L.; Luo, P.; Marks, W.J., Jr.; Rothlind, J.; Sagher, O.; Moy, C.; Pahwa, R.; Burchiel, K.; Hogarth, P.; Lai, E.C.; Duda, J.E.; Holloway, K.; Samii, A.; Horn, S.; Bronstein, J.M.; Stoner, G.; Starr, P.A.; Simpson, R.; Baltuch, G.; De Salles, A.; Huang, G.D.; Reda, D.J.; C.S.P. Study Group	Pallidal versus subthalamic deep-brain stimulation for Parkinson's disease	2010	Doesn't address question of interest
Foster, E.R.; McDaniel, M.A.; Rendell, P.G.	Improving Prospective Memory in Persons With Parkinson Disease: A Randomized Controlled Trial	2017	No PT intervention
Franzen, E.; Johansson, H.; Freidle, M.; Ekman, U.; Wallen, M.B.; Schalling, E.; Lebedev, A.; Lovden, M.; Holmin, S.; Svenssonsson, P.; Hagstromer, M.	The EXPAND trial: effects of exercise and exploring neuroplastic changes in people with Parkinson's disease: a study protocol for a double-blinded randomized controlled trial	2019	Study protocol
Freitag, F.; Brucki, S.M.D.; Barbosa, A.F.; Chen, J.; Souza, C.O.; Valente, D.F.; Chien, H.F.; Bedeschi, C.; Voos, M.C.	Is virtual reality beneficial for dual-task gait training in patients with Parkinson's disease? A systematic review	2019	References reviewed
Gage, H.; Storey, L.	Rehabilitation for Parkinson's disease: a systematic review of available evidence	2004	References reviewed
Gage, H.; Ting, S.; Williams, P.; Bryan, K.; Kaye, J.; Castleton, B.; Trend, P.; Wade, D.	A comparison of specialist rehabilitation and care assistant support with specialist rehabilitation alone and usual care for people with Parkinson's living in the community: study protocol for a randomised controlled trial	2011	No result sections
Galanaud, J.P.; Elbaz, A.; Clavel, J.; Vidal, J.S.; Correze, J.R.; Alperovitch, A.; Tzourio, C.	Cigarette smoking and Parkinson's disease: a case-control study in a population characterized by a high prevalence of pesticide exposure	2005	Not RCT
Gallagher, R.; Damodaran, H.; Werner, W.G.; Powell, W.; Deutsch, J.E.	Auditory and visual cueing modulate cycling speed of older adults and persons with Parkinson's disease in a Virtual Cycling (V-Cycle) system	2016	Not all patient with PD. Healthy matched group
Galli, M.; Vicedomini, C.; Rozin Kleiner, A.F.; Vacca, L.; Cimolin, V.; Condoluci, C.; Stocchi, F.; De Pandis, M.F.	Peripheral neurostimulation breaks the shuffling steps patterns in Parkinsonian gait: a double blind randomized longitudinal study with automated mechanical peripheral stimulation	2018	Medical device
Galvez, G.; Recuero, M.; Canuet, L.; Del-Pozo, F.	Short-Term Effects of Binaural Beats on EEG Power, Functional Connectivity, Cognition, Gait and Anxiety in Parkinson's Disease	2018	No comparison group

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Garcia-Agundez, A.; Folkerts, A.K.; Konrad, R.; Caserman, P.; Tregel, T.; Goosses, M.; Gobel, S.; Kalbe, E.	Recent advances in rehabilitation for Parkinson's Disease with Exergames: A Systematic Review	2019	References reviewed
Garcia-Casares, N.; Martin-Colom, J.E.; Garcia-Arnes, J.A.	Music Therapy in Parkinson's Disease	2018	References reviewed
Ghaffari, B.D.; Kluger, B.	Mechanisms for alternative treatments in Parkinson's disease: acupuncture, tai chi, and other treatments	2014	Commentary review
Ghai, S.; Ghai, I.; Schmitz, G.; Effenberg, A.O.	Effect of rhythmic auditory cueing on parkinsonian gait: A systematic review and meta-analysis	2018	References reviewed
Ghielen, I.; van den Heuvel, O.A.; de Goede, C.J.; Houniet-de Gier, M.; Collette, E.H.; Burgers-Bots, I.A.; Rutten, S.; Kwakkel, G.; Vermunt, K.; van Vliet, B.; Berendse, H.W.; van Wegen, E.E.	BEWARE: Body awareness training in the treatment of wearing-off related anxiety in patients with Parkinson's disease: study protocol for a randomized controlled trial	2015	No result sections
Ghielen, I.; van Wegen, E.E.H.; Rutten, S.; de Goede, C.J.T.; Houniet-de Gier, M.; Collette, E.H.; Burgers-Bots, I.A.L.; Twisk, J.W.R.; Kwakkel, G.; Vermunt, K.; van Vliet, B.; Berendse, H.W.; van den Heuvel, O.A.	Body awareness training in the treatment of wearing-off related anxiety in patients with Parkinson's disease: Results from a pilot randomized controlled trial	2017	Doesn't address question of interest
Giehl, K.; Ophey, A.; Reker, P.; Rehberg, S.; Hammes, J.; Barbe, M.T.; Zokaei, N.; Eggers, C.; Husain, M.; Kalbe, E.; et al.,	Effects of Home-Based Working Memory Training on Visuo-Spatial Working Memory in Parkinson's Disease: a Randomized Controlled Trial	2020	No PT intervention
Giehl, K.; Ophey, A.; Reker, P.; Rehberg, S.; Hammes, J.; Barbe, M.T.; Zokaei, N.; Eggers, C.; Husain, M.; Kalbe, E.; van Eimeren, T.	Effects of Home-Based Working Memory Training on Visuo-Spatial Working Memory in Parkinson's Disease: A Randomized Controlled Trial	2020	Repeat of article ID 12673
Ginis, P.; Heremans, E.; Ferrari, A.; Dockx, K.; Canning, C.G.; Nieuwboer, A.	Prolonged Walking with a Wearable System Providing Intelligent Auditory Input in People with Parkinson's Disease	2017	Not RCT, not all PD patients
Godinho, C.; Domingos, J.; Cunha, G.; Santos, A.T.; Fernandes, R.M.; Abreu, D.; Goncalves, N.; Matthews, H.; Isaacs, T.; Duffen, J.; Al-Jawad, A.; Larsen, F.; Serrano, A.; Weber, P.; Thoms, A.; Sollinger, S.; Graessner, H.; Maetzler, W.; Ferreira, J.J.	A systematic review of the characteristics and validity of monitoring technologies to assess Parkinson's disease	2016	References reviewed
Goetz, L.; Bhattacharjee, M.; Ferraye, M.U.; Fraix, V.; Mainieri, C.; Nosko, D.; Fenoy, A.J.; Piallat, B.; Torres, N.; Krainik, A.; Seigneuret, E.; David, O.; Parent, M.; Parent, A.; Pollak, P.; Benabid, A.L.; Debu, B.; Chabardes, S.	Deep Brain Stimulation of the Pedunculopontine Nucleus Area in Parkinson Disease: MRI-Based Anatomoclinical Correlations and Optimal Target	2019	Fewer than 10 patients per group

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Gomez-Gonzalez, J.; Martin-Casas, P.; Cano-de-la-Cuerda, R.	Effects of auditory cues on gait initiation and turning in patients with Parkinson's disease	2019	References reviewed
Goodwin, V.A.; Richards, S.H.; Taylor, R.S.; Taylor, A.H.; Campbell, J.L.	The effectiveness of exercise interventions for people with Parkinson's disease: a systematic review and meta-analysis	2008	Systematic review
Gordt, K.; Gerhardy, T.; Najafi, B.; Schwenk, M.	Effects of Wearable Sensor-Based Balance and Gait Training on Balance, Gait, and Functional Performance in Healthy and Patient Populations: A Systematic Review and Meta-Analysis of Randomized Controlled Trials	2018	Systematic review
Green, E.; Huynh, A.; Broussard, L.; Zunker, B.; Matthews, J.; Hilton, C.L.; Aranha, K.	Systematic Review of Yoga and Balance: Effect on Adults With Neuromuscular Impairment	2019	References reviewed
Guo, Y.; Xu, W.; Liu, F.T.; Li, J.Q.; Cao, X.P.; Tan, L.; Wang, J.; Yu, J.T.	Modifiable risk factors for cognitive impairment in Parkinson's disease: A systematic review and meta-analysis of prospective cohort studies	2019	Systematic review
Hackney, M.E.; Kantorovich, S.; Levin, R.; Earhart, G.M.	Effects of tango on functional mobility in Parkinson's disease: a preliminary study	2007	Fewer than 10 patients per group
Hadian, M.; Abasi, A.A.; Raji, P.; Hoseinabadi, R.; Abbasi, S.	A randomized clinical trial on the evaluation of the effect of vestibular exercises on dizziness and postural control in Parkinson patients	2019	PDF contains abstracts only
Hallisy, K.M.	Tai Chi Beyond Balance and Fall Prevention: Health Benefits and Its Potential Role in Combatting Social Isolation in the Aging Population	2018	References reviewed
Handelzalts, S.; Kenner-Furman, M.; Gray, G.; Soroker, N.; Shani, G.; Melzer, I.	Effects of Perturbation-Based Balance Training in Subacute Persons With Stroke: A Randomized Controlled Trial	2019	Not PD patients
Harro, C.C.; Shoemaker, M.J.; Frey, O.; Gamble, A.C.; Harring, K.B.; Karl, K.L.; McDonald, J.D.; Murray, C.J.; VanDyke, J.M.; Tomassi, E.M.; VanHaitsma, R.J.	The effects of speed-dependent treadmill training and rhythmic auditory-cued overground walking on balance function, fall incidence, and quality of life in individuals with idiopathic Parkinson's disease: a randomized controlled trial	2014	Repeat article
Harvey, M.; Weston, K.L.; Gray, W.K.; O'Callaghan, A.; Oates, L.L.; Davidson, R.; Walker, R.W.	High-intensity interval training in people with Parkinson's disease: a randomized, controlled feasibility trial	2019	Fewer than 10 patients in each group
Hashimoto, H.; Nakanishi, H.; Nakamura, M.	The effect of the dance DVD created for the rehabilitation of Parkinson's disease patients	2019	PDF contains abstracts only
Hass, C.J.; Buckley, T.A.; Pitsikoulis, C.; Barthelemy, E.J.	Progressive resistance training improves gait initiation in individuals with Parkinson's disease	2012	Fewer than 10 patients per group
Hass, C.J.; Collins, M.A.; Juncos, J.L.	Resistance training with creatine monohydrate improves upper-body strength in patients with Parkinson disease: a randomized trial	2007	Same res. training protocol in both groups
Hawkins, B.L.; Van Puymbroeck, M.; Walter, A.; Sharp, J.; Woshkolup, K.; Urrea-Mendoza, E.; Revilla, F.; Schmid, A.A.	Perceived Activities and Participation Outcomes of a Yoga Intervention for Individuals with Parkinson's Disease: A Mixed Methods Study	2018	Outcomes not relevant to criteria
Henderson, E.J.; Lord, S.R.; Brodie, M.A.; Gaunt, D.M.; Lawrence, A.D.; Close, J.C.; Whone, A.L.; Ben-Shlomo, Y.	Rivastigmine for gait stability in patients with Parkinson's disease (ReSPonD): a randomised, double-blind, placebo-controlled, phase 2 trial	2016	Not relevant to criteria

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Hendy, A.M.; Tillman, A.; Rantalainen, T.; Muthalib, M.; Johnson, L.; Kidgell, D.J.; Wundersitz, D.; Enticott, P.G.; Teo, W.P.	Concurrent transcranial direct current stimulation and progressive resistance training in Parkinson's disease: study protocol for a randomised controlled trial	2016	No result sections
Heremans, E.; Broeder, S.; Nieuwboer, A.; Bekkers, E.M.; Ginis, P.; Janssens, L.; Nackaerts, E.	When motor control gets out of hand: Speeding up triggers freezing in the upper limb in Parkinson's disease	2019	Patient population-not RCT
Hewitt, J.; Goodall, S.; Clemson, L.; Henwood, T.; Refshauge, K.	Progressive Resistance and Balance Training for Falls Prevention in Long-Term Residential Aged Care: A Cluster Randomized Trial of the Sunbeam Program	2018	Study population not specific to PD (n=3 for PD patients)
Hidalgo-Agudo, R.D.; Lucena-Anton, D.; Luque-Moreno, C.; Heredia-Rizo, A.M.; Moral-Munoz, J.A.	Additional Physical Interventions to Conventional Physical Therapy in Parkinson's Disease: A Systematic Review and Meta-Analysis of Randomized Clinical Trials	2020	References reviewed
Hill, K.D.; Hunter, S.W.; Batchelor, F.A.; Cavalheri, V.; Burton, E.	Individualized home-based exercise programs for older people to reduce falls and improve physical performance: A systematic review and meta-analysis	2015	Systematic review
Hirsch, M.A.; Toole, T.; Maitland, C.G.; Rider, R.A.	The effects of balance training and high-intensity resistance training on persons with idiopathic Parkinson's disease	2003	Fewer than 10 patients
Hobson, P.; Holden, A.; Meara, J.	Measuring the impact of Parkinson's disease with the Parkinson's Disease Quality of Life questionnaire	1999	Not RCT; not relevant to PICO
Horiba, M.; Ueki, Y.; Nojima, I.; Shimizu, Y.; Sahashi, K.; Itamoto, S.; Suzuki, A.; Yamada, G.; Matsukawa, N.; Wada, I.	Impaired Motor Skill Acquisition Using Mirror Visual Feedback Improved by Transcranial Direct Current Stimulation (tDCS) in Patients With Parkinson's Disease	2019	Not RCT
Hubble, R.P.; Naughton, G.A.; Silburn, P.A.; Cole, M.H.	Trunk muscle exercises as a means of improving postural stability in people with Parkinson's disease: a protocol for a randomised controlled trial	2014	No result sections
Hubble, R.P.; Naughton, G.; Silburn, P.A.; Cole, M.H.	Trunk Exercises Improve Gait Symmetry in Parkinson Disease: A Blind Phase II Randomized Controlled Trial	2018	Fewer than 10 patients in each group
Hubble, R.P.; Silburn, P.A.; Naughton, G.A.; Cole, M.H.	Trunk Exercises Improve Balance in Parkinson Disease: A Phase II Randomized Controlled Trial	2019	Insufficient data
Hulbert, S.M.; Goodwin, V.A.	â??Mind the gapâ?? â?? a scoping review of long term, physical, self-management in Parkinson's	2020	References reviewed
Hulbert, S.; Seymour, K.C.; Ashburn, A.	'PDSAFE'-a multi-dimensional model of falls rehabilitation for people with Parkinson's. A mixed methods analysis of therapists' delivery and experience	2019	PDF contains abstracts only
Islam, A.; Nazarpour, K.; Rochester, L.; Pantall, A.	Effect of transcranial direct current stimulation on cortical activity and muscle activity during gait in Parkinson's disease	2019	PDF contains abstracts only
Jenkinson, C.; Peto, V.; Fitzpatrick, R.; Greenhall, R.; Hyman, N.	Self-reported functioning and well-being in patients with Parkinson's disease: Comparison of the short-form health survey (SF-36) and the Parkinson's disease questionnaire (PDQ-39)	1995	Not relevant to criteria
Jia, F.; Zhang, J.; Wang, H.; Liang, Z.; Liu, W.; Wang, X.; Liu, Y.; Guo, Y.; Ling, Z.; Cai,	Variable- versus constant-frequency deep-brain stimulation in patients with advanced Parkinson's disease: study protocol for a randomized controlled trial	2019	Study protocol

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X.; Wu, X.; Wu, J.; Lv, W.; Xu, X.; Zhang, W.; Li, L.			
Jiang, D.; Kong, W.; Jiang, J.J.	Patient Engagement in Randomized Controlled Tai Chi Clinical Trials among the Chronically Ill	2017	Systematic review
Jin, X.; Wang, L.; Liu, S.; Zhu, L.; Loprinzi, P.D.; Fan, X.	The Impact of Mind-body Exercises on Motor Function, Depressive Symptoms, and Quality of Life in Parkinson's Disease: A Systematic Review and Meta-analysis	2019	References reviewed
Jitkritsadakul, O.; Thanawattano, C.; Anan, C.; Bhidayasiri, R.	Tremor's glove-an innovative electrical muscle stimulation therapy for intractable tremor in Parkinson's disease: A randomized sham-controlled trial	2017	Doesn't address comparison of interest
Johnson, Liam; Putrino, David; James, Ian; Rodrigues, Julian; Stell, Rick; Thickbroom, Gary; Mastaglia, Frank L	The effects of a supervised Pilates training program on balance in Parkinson's disease	2013	Case series, no comparison group
Joseph, C.; Leavy, B.; Mattsson, S.; Falk, L.; Franzen, E.	Implementation of the HiBalance training program for Parkinson's disease in clinical settings: A feasibility study	2018	Fewer than 10 patients
Juras, G.; Brachman, A.; Michalska, J.; Kamieniarz, A.; Pawlowski, M.; Hadamus, A.; Bialoszewski, D.; Blaszczyk, J.; Slomka, K.J.	Standards of Virtual Reality Application in Balance Training Programs in Clinical Practice: A Systematic Review	2019	Systematic review
Kalyani, H.H.N.; Sullivan, K.; Moyle, G.; Brauer, S.; Jeffrey, E.R.; Roeder, L.; Berndt, S.; Kerr, G.	Effects of Dance on Gait, Cognition, and Dual-Tasking in Parkinson's Disease: A Systematic Review and Meta-Analysis	2019	References reviewed
Kanegusuku, H.; Silva-Batista, C.; Pecanha, T.; Nieuwboer, A.; Silva, N.D., Jr.; Costa, L.A.; de Mello, M.T.; Piemonte, M.E.; Ugrinowitsch, C.; Forjaz, C.L.	Effects of Progressive Resistance Training on Cardiovascular Autonomic Regulation in Patients With Parkinson Disease: A Randomized Controlled Trial	2017	Not relevant outcomes
Kang, M.G.; Yun, S.J.; Shin, H.I.; Kim, E.; Lee, H.H.; Oh, B.M.; Seo, H.G.	Effects of robot-assisted gait training in patients with Parkinson's disease: study protocol for a randomized controlled trial	2019	No result sections
Kang, M.G.; Yun, S.J.; Shin, H.I.; Kim, E.; Lee, H.H.; Oh, B.M.; Seo, H.G.	Correction to: Effects of robot-assisted gait training in patients with Parkinson's disease: study protocol for a randomized controlled trial	2020	Amendment- study protocol
Karachi, C.; Cormier-Dequaire, F.; Grabli, D.; Lau, B.; Belaid, H.; Navarro, S.; Vidailhet, M.; Bardinet, E.; Fernandez-Vidal, S.; Welter, M.L.	Clinical and anatomical predictors for freezing of gait and falls after subthalamic deep brain stimulation in Parkinson's disease patients	2019	Not RCT
Karl, J.A.; Ouyang, B.; Goetz, S.; Metman, L.V.	A Novel DBS Paradigm for Axial Features in Parkinson's Disease: A Randomized Crossover Study	2020	Doesn't address question of interest
Karpatkin, H.; Babyar, S.; Gayeski, E.; Meredith, L.; Polster, E.; Sheer, P.; Schroeder, D.	The effect of fatigue on balance performance in Parkinson's disease	2020	Fewer than 10 patients per group
Kaski, D.; Dominguez, R.O.; Allum, J.H.; Islam, A.F.; Bronstein, A.M.	Combining physical training with transcranial direct current stimulation to improve gait in Parkinson's disease: a pilot randomized controlled study	2014	16 subjects randomized

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Katz, M.; Luciano, M.S.; Carlson, K.; Luo, P.; Marks, W.J., Jr.; Larson, P.S.; Starr, P.A.; Follett, K.A.; Weaver, F.M.; Stern, M.B.; Reda, D.J.; Ostrem, J.L.; C.S.P.study group	Differential effects of deep brain stimulation target on motor subtypes in Parkinson's disease	2015	Doesn't address question of interest
Kaur, R.; Sun, R.; Ziegelman, L.; Sowers, R.; Hernandez, M.E.	Using Virtual Reality to Examine the Neural and Physiological Responses to Height and Perturbations in Quiet Standing	2019	Study population does not have PD
Kearney, E.; Shellikeri, S.; Martino, R.; Yunusova, Y.	Augmented visual feedback-aided interventions for motor rehabilitation in Parkinson's disease: a systematic review	2019	References reviewed
Kedzior, K.K.; Kaplan, I.	Tai Chi and Parkinson's disease (PD): A systematic overview of the scientific quality of the past systematic reviews	2019	References reviewed
Keus, S.H.; Bloem, B.R.; Hendriks, E.J.; Bredero-Cohen, A.B.; Munneke, M.; Practice Recommendations Development, Group	Evidence-based analysis of physical therapy in Parkinson's disease with recommendations for practice and research	2007	System review
Keus, S.H.; Bloem, B.R.; van Hilten, J.J.; Ashburn, A.; Munneke, M.	Effectiveness of physiotherapy in Parkinson's disease: the feasibility of a randomised controlled trial	2007	Doesn't answer question
Khojandi, A.; Shylo, O.; Mannini, L.; Kopell, B.H.; Ramdhani, R.A.	Stratifying Parkinson's Patients With STN-DBS Into High-Frequency or 60 Hz-Frequency Modulation Using a Computational Model	2017	Not RCT
Khuzema, A.; Brammatha, A.; Arul Selvan, V.	Effect of home-based Tai Chi, Yoga or conventional balance exercise on functional balance and mobility among persons with idiopathic Parkinson's disease: An experimental study	2020	Fewer than 10 patients per group
Kim, A.; Darakjian, N.; Finley, J.M.	Walking in fully immersive virtual environments: an evaluation of potential adverse effects in older adults and individuals with Parkinson's disease	2017	Not RCT
Kim, R.; Kim, H.J.; Kim, A.; Kim, Y.; Kim, A.R.; Shin, C.W.; Paek, S.H.; Jeon, B.	Depression may negatively affect the change in freezing of gait following subthalamic nucleus stimulation in Parkinson's disease	2017	Not RCT
King, L.A.; Peterson, D.S.; Mancini, M.; Carlson-Kuhta, P.; Fling, B.W.; Smulders, K.; Nutt, J.G.; Dale, M.; Carter, J.; Winters-Stone, K.M.; Horak, F.B.	Do cognitive measures and brain circuitry predict outcomes of exercise in Parkinson Disease: a randomized clinical trial	2015	Not relevant to criteria
King, L.; Jung, S.H.; Mancini, M.; Carlson-Kuhta, P.; Barlow, N.; Morris, R.; Nutt, J.; Horak, F.	Cognitively challenging exercise improved executive function in Parkinson's disease	2019	PDF contains abstracts only
King, L.; Morris, R.; Horak, F.; McBarron, G.; Hidler, J.	Training Responses in Postural Rehabilitation (TRIP) using perturbations while walking	2019	PDF contains abstracts only
Klamroth, S.; Steib, S.; Devan, S.; Pfeifer, K.	Effects of Exercise Therapy on Postural Instability in Parkinson Disease: A Meta-analysis	2016	References reviewed
Kleiner, A.F.R.; Souza Pagnussat, A.; Pinto, C.; Redivo Marchese, R.; Salazar, A.P.; Galli, M.	Automated Mechanical Peripheral Stimulation Effects on Gait Variability in Individuals With Parkinson Disease and Freezing of Gait: A Double-Blind, Randomized Controlled Trial	2018	Medical device

Authors	Article Title	Year	Reason for Exclusion
Kluger, B.M.; Brown, R.P.; Aerts, S.; Schenkman, M.	Determinants of objectively measured physical functional performance in early to mid-stage Parkinson disease	2014	Not relevant to criteria
Kompoliti, K.; Goetz, C.G.; Leurgans, S.; Morrissey, M.; Siegel, I.M.	"On" freezing in Parkinson's disease: resistance to visual cue walking devices	2000	Fewer than 10 patients
Kraepelien, M.; Schibbye, R.; MÅnsson, K.; Sundström, C.; Riggare, S.; Andersson, G.; Lindefors, N.; Svenningsson, P.; Kaldo, V.	Individually Tailored Internet-Based Cognitive-Behavioral Therapy for Daily Functioning in Patients with Parkinson's Disease: A Randomized Controlled Trial	2020	Cognitive behavioral therapy-not PT administered
Krishnamurthi, N.; Fleury, J.; Belyea, M.; Shill, H.A.; Abbas, J.J.	ReadySteady intervention to promote physical activity in older adults with Parkinson's disease: Study design and methods	2020	Study protocol
Kuo, Y.C.; Chan, J.; Wu, Y.P.; Bernard, J.R.; Liao, Y.H.	Effect of expiratory muscle strength training intervention on the maximum expiratory pressure and quality of life of patients with Parkinson disease	2017	Patient population size
Kwok, J.Y.Y.; Choi, K.C.; Chan, H.Y.L.	Effects of mind-body exercises on the physiological and psychosocial well-being of individuals with Parkinson's disease: A systematic review and meta-analysis	2016	References reviewed
Kwok, J.Y.Y.; Kwan, J.C.Y.; Auyeung, M.; Mok, V.C.T.; Chan, H.Y.L.	The effects of yoga versus stretching and resistance training exercises on psychological distress for people with mild-to-moderate Parkinson's disease: study protocol for a randomized controlled trial	2017	No result sections
Kwok, J.Y.Y.; Kwan, J.C.Y.; Auyeung, M.; Mok, V.C.T.; Chow, K.C.; Chan, H.Y.L.	From body, mind, to the integration: a mixed-method, randomized controlled trial of mindfulness yoga on physiopsychospiritual well-being of people living with Parkinson's disease	2019	PDF contains abstracts only
Kwok, J.Y.; Choi, K.C.; Chan, H.Y.	Effects of mind-body exercises on the physiological and psychosocial well-being of individuals with Parkinson's disease: A systematic review and meta-analysis	2016	References reviewed
Kwon, K.Y.; Lee, H.M.; Kang, S.H.; Pyo, S.J.; Kim, H.J.; Koh, S.B.	Recuperation of slow walking in de novo Parkinson's disease is more closely associated with increased cadence, rather than with expanded stride length	2017	Not RCT
Lakshminarayana, R.; Wang, D.; Burn, D.; Chaudhuri, K.R.; Cummins, G.; Galtrey, C.; Hellman, B.; Pal, S.; Stamford, J.; Steiger, M.; et al.,	Smartphone- and internet-assisted self-management and adherence tools to manage Parkinson's disease (SMART-PD): study protocol for a randomised controlled trial (v7; 15 August 2014)	2014	No result sections
Lakshminarayana, R.; Wang, D.; Burn, D.; Chaudhuri, K.R.; Galtrey, C.; Guzman, N.V.; Hellman, B.; James, B.; Pal, S.; Stamford, J.; Steiger, M.; Stott, R.W.; Teo, J.; Barker, R.A.; Wang, E.; Bloem, B.R.; Van Der Eijk, M.; Rochester, L.; Williams, A.	Using a smartphone-based self-management platform to support medication adherence and clinical consultation in Parkinson's disease	2017	No PT outcomes
Ledger, S.; Galvin, R.; Lynch, D.; Stokes, E.K.	A randomised controlled trial evaluating the effect of an individual auditory cueing device on freezing and gait speed in people with Parkinson's disease	2008	Not a complete study. no result
Lee, H.W.; Ko, P.W.; Kang, K.; Lim, Y.H.	Impairment of static balance in patients with Parkinson's disease using wearable device	2019	PDF contains abstracts only

Authors	Article Title	Year	Reason for Exclusion
Lei, C.; Sunzi, K.; Dai, F.; Liu, X.; Wang, Y.; Zhang, B.; He, L.; Ju, M.	Effects of virtual reality rehabilitation training on gait and balance in patients with Parkinson's disease: A systematic review	2019	References reviewed
Li, Z.; Zhuang, J.; Jiang, Y.; Xiao, G.; Jie, K.; Wang, T.; Yin, W.; Zhang, Y.; Wang, Z.	Study protocol for a single-blind randomised controlled trial to evaluate the clinical effects of an Integrated Qigong exercise intervention on freezing of gait in Parkinson's disease	2019	Study protocol
Lim, I.; van Wegen, E.; de Goede, C.; Deutekom, M.; Nieuwboer, A.; Willems, A.; Jones, D.; Rochester, L.; Kwakkel, G.	Effects of external rhythmical cueing on gait in patients with Parkinson's disease: a systematic review	2005	Systematic review
Lima, L.O.; Scianni, A.; Rodrigues-de-Paula, F.	Progressive resistance exercise improves strength and physical performance in people with mild to moderate Parkinson's disease: a systematic review	2013	Systematic review
Lin, F.; Wu, D.; Lin, C.; Cai, H.; Chen, L.; Cai, G.; Ye, Q.; Cai, G.	Pedunculopontine Nucleus Deep Brain Stimulation Improves Gait Disorder in Parkinson's Disease: A Systematic Review and Meta-analysis	2020	References reviewed
Lina, C.; Guoen, C.; Huidan, W.; Yingqing, W.; Ying, C.; Xiaochun, C.; Qinyong, Y.	The Effect of Virtual Reality on the Ability to Perform Activities of Daily Living, Balance During Gait and Motor Function in Parkinson's Disease Patients-- A Systematic Review and Meta-Analysis	2020	References reviewed
Lipsmeier, F.; Taylor, K.I.; Kilchenmann, T.; Wolf, D.; Scotland, A.; Schjodt-Eriksen, J.; Cheng, W.Y.; Fernandez-Garcia, I.; Siebourg-Polster, J.; Jin, L.; Soto, J.; Verselis, L.; Boess, F.; Koller, M.; Grundman, M.; Monsch, A.U.; Postuma, R.B.; Ghosh, A.; Kremer, T.; Czech, C.; Gossens, C.; Lindemann, M.	Evaluation of smartphone-based testing to generate exploratory outcome measures in a phase 1 Parkinson's disease clinical trial	2018	Not RCT
Liu, H.H.; Yeh, N.C.; Wu, Y.F.; Yang, Y.R.; Wang, R.Y.; Cheng, F.Y.	Effects of Tai Chi Exercise on Reducing Falls and Improving Balance Performance in Parkinson's Disease: A Meta-Analysis	2019	References reviewed
Lizarraga, K.J.; Jagid, J.R.; Luca, C.C.	Comparative effects of unilateral and bilateral subthalamic nucleus deep brain stimulation on gait kinematics in Parkinson's disease: a randomized, blinded study	2016	Doesn't address question of interest
Lord, S.R.; Bindels, H.; Ketheeswaran, M.; Brodie, M.A.; Lawrence, A.D.; Close, J.C.T.; Whone, A.L.; Ben-Shlomo, Y.; Henderson, E.J.	Freezing of Gait in People with Parkinson's Disease: Nature, Occurrence, and Risk Factors	2020	Not RCT
Lun, V.; Pullan, N.; Labelle, N.; Adams, C.; Suchowersky, O.	Comparison of the effects of a self-supervised home exercise program with a physiotherapist-supervised exercise program on the motor symptoms of Parkinson's disease	2005	Fewer than 10 patients per group
Luo, L.; Zou, L.; Fang, Q.; Wang, H.; Liu, Y.; Tian, Z.; Han, Y.	Effect of Tai Chi Softball on Function-Related Outcomes in Older Adults: A Randomized Control Trial	2017	Patient population-mixed population not only PD
Ma, H.I.; Hwang, W.J.; Fang, J.J.; Kuo, J.K.; Wang, C.Y.; Leong, I.F.; Wang, T.Y.	Effects of virtual reality training on functional reaching movements in people with Parkinson's disease: a randomized controlled pilot trial	2011	Doesn't address comparison of interest

Authors	Article Title	Year	Reason for Exclusion
Maas, J.; De Vries, N.; Bloem, B.; Kalf, H.	Design of the PERSPECTIVE study: pERsonalized SPEeCh Therapy for actIVE conversation	2019	PDF contains abstracts only
Maggio, M.G.; De Cola, M.C.; Latella, D.; Maresca, G.; Finocchiaro, C.; La Rosa, G.; Cimino, V.; Sorbera, C.; Bramanti, P.; De Luca, R.; Calabro, R.S.	What About the Role of Virtual Reality in Parkinson Disease's Cognitive Rehabilitation? Preliminary Findings From a Randomized Clinical Trial	2018	No PT intervention
Mahmoud, Lse- D.; Shady, Naelra; Hafez, E.S.	Motor imagery training with augmented cues of motor learning on cognitive functions in patients with Parkinsonism	2018	Patients do not have PD- "Parkinsonism"
Maitra, K.K.	Enhancement of reaching performance via self-speech in people with Parkinson's disease	2007	Fewer than 10 patients
Mak, M.K.; Yu, L.; Hui-Chan, C.W.	The immediate effect of a novel audio-visual cueing strategy (simulated traffic lights) on dual-task walking in people with Parkinson's disease	2013	Not RCT- healthy control
Makkos, A.; Pal, E.; Aschermann, Z.; Janszky, J.; Balazs, E.; Takacs, K.; Karadi, K.; Komoly, S.; Kovacs, N.	High-Frequency Repetitive Transcranial Magnetic Stimulation Can Improve Depression in Parkinson's Disease: A Randomized, Double-Blind, Placebo-Controlled Study	2016	No DBS intervention (TMS = noninvasive)
Manor, Y.; Mootanah, R.; Freud, D.; Giladi, N.; Cohen, J.T.	Video-assisted swallowing therapy for patients with Parkinson's disease	2013	No PT intervention
Mansfield, A.; Wong, J.S.; Bryce, J.; Knorr, S.; Patterson, K.K.	Does perturbation-based balance training prevent falls? Systematic review and meta-analysis of preliminary randomized controlled trials	2015	Systematic review
Marazzi, S.; Kiper, P.; Palmer, K.; Agostini, M.; Turolla, A.	Effects of vibratory stimulation on balance and gait in Parkinson's disease: a systematic review and meta-analysis	2020	References reviewed
Marotta, N.; Demeco, A.; Indino, A.; de Scorpio, G.; Moggio, L.; Ammendolia, A.	Nintendo WiiTMversus Xbox KinectTM for functional locomotion in people with Parkinson's disease: a systematic review and network meta-analysis	2020	References reviewed
Martignon, C.; Pedrinolla, A.; Ruzzante, F.; Giuriato, G.; Laginestra, F.G.; Bouca-Machado, R.; Ferreira, J.J.; Tinazzi, M.; Schena, F.; Venturelli, M.	Guidelines on exercise testing and prescription for patients at different stages of Parkinson's disease	2020	References reviewed
Maruo, T.; Hosomi, K.; Shimokawa, T.; Kishima, H.; Oshino, S.; Morris, S.; Kageyama, Y.; Yokoe, M.; Yoshimine, T.; Saitoh, Y.	High-frequency repetitive transcranial magnetic stimulation over the primary foot motor area in Parkinson's disease	2013	No DBS intervention (TMS = noninvasive)
Marusiak, J.; Fisher, B.E.; JaskÅ'lska, A.; SÅ'otwiÅ'ski, K.; Budrewicz, S.; Koszewicz, M.; Kisiel-Sajewicz, K.; KamiÅ'ski, B.; JaskÅ'lski, A.	Eight weeks of aerobic interval training improves psychomotor function in patients with parkinson's disease-randomized controlled trial	2019	Duplicate citation (ID 165)
Mavrommatti, F.; Collett, J.; Franssen, M.; Meaney, A.; Sexton, C.; Dennis-West, A.; Betts, J.F.; Izadi, H.; Bogdanovic, M.; Tims, M.; Farmer, A.; Dawes, H.	Exercise response in Parkinson's disease: insights from a cross-sectional comparison with sedentary controls and a per-protocol analysis of a randomised controlled trial	2017	Not RCT

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Mazzarin, C.M.; Valderramas, S.R.; De Paula Ferreira, M.; Tiepolo, E.; GuÃ©rrios, L.; Parisotto, D.; Israel, V.L.	Effects of Dance and of Tai Chi on Functional Mobility, Balance, and Agility in Parkinson Disease	2017	References reviewed
McAuley, J.H.; Corcos, D.M.; Rothwell, J.C.; Quinn, N.P.; Marsden, C.D.	Levodopa reversible loss of the Piper frequency oscillation component in Parkinson's disease	2001	Not relevant to criteria
McDonnell, M.N.; Rischbieth, B.; Schammer, T.T.; Seaforth, C.; Shaw, A.J.; Phillips, A.C.	Lee Silverman Voice Treatment (LSVT)-BIG to improve motor function in people with Parkinson's disease: a systematic review and meta-analysis	2018	References reviewed
McNeely, M.E.; Duncan, R.P.; Earhart, G.M.	A comparison of dance interventions in people with Parkinson disease and older adults	2015	References reviewed
McNeely, M.E.; Earhart, G.M.	Lack of Short-Term Effectiveness of Rotating Treadmill Training on Turning in People with Mild-to-Moderate Parkinson's Disease and Healthy Older Adults: A Randomized, Controlled Study	2012	Not RCT
Mehrang, S.; Jauhainen, M.; Pietil, J.; Puustinen, J.; Ruokolainen, J.; Nieminen, H.	Identification of Parkinson's Disease Utilizing a Single Self-recorded 20-step Walking Test Acquired by Smartphone's Inertial Measurement Unit	2018	Not RCT; non-PD comparison group
Mehrholz, J.; Fries, R.; Kugler, J.; Twork, S.; Storch, A.; Pohl, M.	Treadmill training for patients with Parkinson's disease	2010	Systematic review
Mehrholz, J.; Kugler, J.; Storch, A.; Pohl, M.; Elsner, B.; Hirsch, K.	Treadmill training for patients with Parkinson's disease	2015	References reviewed
Mehrholz, J.; Kugler, J.; Storch, A.; Pohl, M.; Hirsch, K.; Elsner, B.	Treadmill training for patients with Parkinson Disease. An abridged version of a Cochrane Review	2016	References reviewed
Memarian, A.; Sanatkaran, A.; Bahari, S.M.	The effect of laughter yoga exercises on anxiety and sleep quality in patients suffering from Parkinson's disease	2017	Not a RCT
Menza, M.; DeFonzo Dobkin, R.; Marin, H.; Mark, M.H.; Gara, M.; Buyske, S.; Bienfait, K.; Dicke, A.	The impact of treatment of depression on quality of life, disability and relapse in patients with Parkinson's disease	2009	Doesn't address question of interest
Meoni, S.; Debu, B.; Pelissier, P.; Scelzo, E.; Castrion, A.; Seigneuret, E.; Chabardes, S.; Fraix, V.; Moro, E.	Asymmetric STN DBS for FOG in Parkinson's disease: A pilot trial	2019	Fewer than 10 patients in each group
Merali, S.; Cameron, J.I.; Barclay, R.; Salbach, N.M.	Characterising community exercise programmes delivered by fitness instructors for people with neurological conditions: a scoping review	2016	References reviewed
Mi, T.M.; Garg, S.; Ba, F.; Liu, A.P.; Wu, T.; Gao, L.L.; Dan, X.J.; Chan, P.; McKeown, M.J.	High-frequency rTMS over the supplementary motor area improves freezing of gait in Parkinson's disease: a randomized controlled trial	2019	No DBS intervention (TMS = noninvasive)
Miller, K.J.; Suarez-Iglesias, D.; Seijo-Martinez, M.; Ayan, C.	Physiotherapy for freezing of gait in Parkinson's disease: a systematic review and meta-analysis	2020	References reviewed
Mirelman, A.; Rochester, L.; Maidan, I.; Del Din, S.; Alcock, L.; Nieuwhof, F.; Rikkert, M.O.; Bloem, B.R.; Pelosin, E.; Avanzino, L.; Abbruzzese, G.; Dockx, K.; Bekkers, E.; Giladi,	Addition of a non-immersive virtual reality component to treadmill training to reduce fall risk in older adults (V-TIME): a randomised controlled trial	2016	Patient population

Authors	Article Title	Year	Reason for Exclusion
N.; Nieuwboer, A.; Hausdorff, J.M.			
Miyahara, Y.; Jitkradsadakul, O.; Srinegan, J.; Aungkab, N.; Khongprasert, S.; Bhidayasiri, R.	Can therapeutic Thai massage improve upper limb muscle strength in Parkinson's disease? An objective randomized-controlled trial	2018	Does not address comparison of interest
Miyai, I.; Fujimoto, Y.; Yamamoto, H.; Ueda, Y.; Saito, T.; Nozaki, S.; Kang, J.	Long-term effect of body weight-supported treadmill training in Parkinson's disease: a randomized controlled trial	2002	Fewer than 10 patients
Miyasato, R.S.; Silva-Batista, C.; Pecanha, T.; Low, D.A.; de Mello, M.T.; Piemonte, M.E.P.; Ugrinowitsch, C.; Forjaz, C.L.M.; Kanegusuku, H.	Cardiovascular Responses During Resistance Exercise in Patients With Parkinson Disease	2018	Not relevant to criteria
Modugno, N.; Iaconelli, S.; Fiorlli, M.; Lena, F.; Kusch, I.; Mirabella, G.	Active theater as a complementary therapy for Parkinson's disease rehabilitation: a pilot study	2010	Fewer than 10 patients
Moes, E.; Lombardi, K.M.	The relationship between contrast sensitivity, gait, and reading speed in parkinson's disease	2009	Not RCT
Montero Ferro, A.; P.Basso-Vanelli R; Moreira Mello, R.L.; Sanches Garcia-Araujo, A.; Goncalves Mendes, R.; Costa, D.; Gianlorenco, A.C.	Effects of inspiratory muscle training on respiratory muscle strength, lung function, functional capacity and cardiac autonomic function in Parkinson's disease: Randomized controlled clinical trial protocol	2019	No result sections
Montgomery Jr, E.B.; Lieberman, A.; Singh, G.; Fries, J.F.; Calne, D.; Koller, W.; Muenter, M.; Olanow, C.W.; Stern, M.; Tanner, C.; Tintner, R.; Wasserstein, P.; Watts, R.	Patient education and health promotion can be effective in Parkinson's disease: A randomized controlled trial	1994	Doesn't address question of interest;
Moon, J.H.; Jung, J.H.; Cho, H.Y.	Effects of balance training using a Wii fit balance board on balance, gait and activities of daily living in patients with parkinson disease: A pilot, randomized controlled trial	2020	Fewer than 10 patients per group
Moon, S.; Sarmento, C.V.M.; Smirnova, I.V.; Colgrove, Y.; Lyons, K.E.; Lai, S.M.; Liu, W.	Effects of Qigong Exercise on Non-Motor Symptoms and Inflammatory Status in Parkinson's Disease: A Protocol for a Randomized Controlled Trial	2019	No result sections
Morris, M.	Dance as exercise for Parkinson's disease	2019	PDF contains abstracts only
Morris, M.E.; Menz, H.B.; McGinley, J.L.; Huxham, F.E.; Murphy, A.T.; Iansek, R.; Danoudis, M.; Soh, S.E.; Kelly, D.; Watts, J.J.	Falls and mobility in Parkinson's disease: protocol for a randomised controlled clinical trial	2011	No result sections
Morrone, M.; Miccinilli, S.; Bravi, M.; Paolucci, T.; Melgari, J.M.; Salomone, G.; Picelli, A.; Spadini, E.; Ranavolo, A.; Saraceni, V.M.; D.I.Lazzaro V; Sterzi, S.	Perceptive rehabilitation and trunk posture alignment in patients with Parkinson disease: a single blind randomized controlled trial	2016	Doesn't address comparison of interest

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Moumdjian, L.; Buhmann, J.; Willems, I.; Feys, P.; Leman, M.	Entrainment and Synchronization to Auditory Stimuli During Walking in Healthy and Neurological Populations: A Methodological Systematic Review	2018	References reviewed
Murdoch, K.C.; Larsen, D.; Edey, W.; Arsenault, C.; Howell, A.; Joyce, A.; Sandham, T.; Miyasaki, J.M.	The efficacy of the Strength, Hope and Resourcefulness Program for people with Parkinson's disease (SHARP-PWP): A mixed methods study	2020	Cognitive behavioral therapy-not PT administered
Murray, D.K.; Sacheli, M.A.; Eng, J.J.; Stoessl, A.J.	The effects of exercise on cognition in Parkinson's disease: a systematic review	2014	Systematic review
Myers, P.S.; McNeely, M.E.; Pickett, K.A.; Duncan, R.P.; Earhart, G.M.	Effects of exercise on gait and motor imagery in people with Parkinson disease and freezing of gait	2018	Doesn't address question of interest
Nackaerts, E.; Broeder, S.; Pereira, M.P.; Swinnen, S.P.; Vandenbergh, W.; Nieuwboer, A.; Heremans, E.	Handwriting training in Parkinson's disease: A trade-off between size, speed and fluency	2017	No PT intervention
Nackaerts, E.; Heremans, E.; Vervoort, G.; Smits-Engelsman, B.C.; Swinnen, S.P.; Vandenbergh, W.; Bergmans, B.; Nieuwboer, A.	Relearning of Writing Skills in Parkinson's Disease After Intensive Amplitude Training	2016	No PT intervention
Nackaerts, E.; Michely, J.; Heremans, E.; Swinnen, S.; Smits-Engelsman, B.; Vandenbergh, W.; Grefkes, C.; Nieuwboer, A.	Being on Target: Visual Information during Writing Affects Effective Connectivity in Parkinson's Disease	2018	Patient population
Nascimento, Iapds; Santiago, L.M.M.; de Souza, A.A.; Pegado, C.L.; Ribeiro, T.S.; Lindquist, A.R.R.	Effects of motor imagery training of Parkinson's disease: a protocol for a randomized clinical trial	2019	Study protocol
Nct,	Balance Training in Parkinson's Disease Using Cues	2013	Matching PEER title and PDF under ID 6718
Nct,	Effects of Home Therapeutic Exercises Oriented for Patients With Parkinson's Disease	2015	Doesn't address comparison of interest
Nct,	Biofeedback-based Motor Learning to Ameliorate Freezing of Gait	2010	Not RCT
Nct,	Consolidation of Motor Learning of Writing Skills and Its Related Brain Activity Changes in Parkinson's Disease	2014	Does not address question of interest
Nguyen, H.; Lebel, K.; Boissy, P.; Bogard, S.; Goubault, E.; Duval, C.	Auto detection and segmentation of daily living activities during a Timed Up and Go task in people with Parkinson's disease using multiple inertial sensors	2017	not RCT
Ni, M.; Hazzard, J.B.; Signorile, J.F.; Luca, C.	Exercise Guidelines for Gait Function in Parkinson's Disease: A Systematic Review and Meta-analysis	2018	References reviewed
Ni, X.; Liu, S.; Lu, F.; Shi, X.; Guo, X.	Efficacy and safety of Tai Chi for Parkinson's disease: a systematic review and meta-analysis of randomized controlled trials	2014	Systematic review
Nieuwboer, A.; Rochester, L.; Jones, D.	Cueing gait and gait-related mobility in patients with Parkinson's disease: Developing a therapeutic method based on the international classification of functioning, disability, and health	2008	Commentary review

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Nousia, A.; Martzoukou, M.; Tsouris, Z.; Siokas, V.; Aloizou, A.M.; Liampas, I.; Nasios, G.; Dardiotis, E.	The Beneficial Effects of Computer-Based Cognitive Training in Parkinson's Disease: A Systematic Review	2020	References reviewed
Nuic, D.; Vinti, M.; Karachi, C.; Foulon, P.; Van Hamme, A.; Welter, M.L.	The feasibility and positive effects of a customised videogame rehabilitation programme for freezing of gait and falls in Parkinson's disease patients: a pilot study	2018	No comparison group
Odekerken, V.J.; van Laar, T.; Staal, M.J.; Mosch, A.; Hoffmann, C.F.E.; Nijssen, P.C.G.; Beute, G.N.; van Vugt, J.P.P.; Lenders, M.W.P.M.; Contarino, M.F.; Mink, M.S.J.; Bour, L.J.; van den Munckhof, P.; Schmand, B.A.; de Haan, R.J.; Schuurman, P.R.; de Bie, R.M.A.	Subthalamic nucleus versus globus pallidus bilateral deep brain stimulation for advanced Parkinson's disease (NSTAPS study): A randomised controlled trial	2013	Doesn't address question of interest
Odekerken, V.J.; Boel, J.A.; Schmand, B.A.; de Haan, R.J.; Figuee, M.; van den Munckhof, P.; Schuurman, P.R.; de Bie, R.M.	GPI vs STN deep brain stimulation for Parkinson disease: Three-year follow-up	2016	Doesn't address question of interest
Okamoto, R.; Adachi, K.; Mizukami, K.	Effects of facial rehabilitation exercise on the mood, facial expressions, and facial muscle activities in patients with Parkinson's disease	2019	Foreign language
Okamoto, R.; Adachi, K.; Mizukami, K.	The effectiveness of facial exercises on the facial expression and the mood in persons with Parkinson's disease	2019	PDF contains abstracts only
Okun, M.S.; Gallo, B.V.; Mandybur, G.; Jagid, J.; Foote, K.D.; Revilla, F.J.; Alterman, R.; Jankovic, J.; Simpson, R.; Junn, F.; Verhagen, L.; Arle, J.E.; Ford, B.; Goodman, R.R.; Stewart, R.M.; Horn, S.; Baltuch, G.H.; Kopell, B.H.; Marshall, F.; Peichel, D.; Pahwa, R.; Lyons, K.E.; Troster, A.I.; Vitek, J.L.; Tagliati, M.; Sjm Dbs Study Group	Subthalamic deep brain stimulation with a constant-current device in Parkinson's disease: an open-label randomised controlled trial	2012	Doesn't address question of interest
Oliveira, R.M.; Gurd, J.M.; Nixon, P.; Marshall, J.C.; Passingham, R.E.	Micrographia in Parkinson's disease: the effect of providing external cues	1997	Patient population-not all PD
Ophey, A.; Giehl, K.; Rehberg, S.; Eggers, C.; Reker, P.; van Eimeren, T.; Kalbe, E.	Effects of working memory training in patients with Parkinson's disease without cognitive impairment: A randomized controlled trial	2020	No PT intervention
Orgeta, V.; McDonald, K.R.; Poliakoff, E.; Hindle, J.V.; Clare, L.; Leroi, I.	Cognitive training interventions for dementia and mild cognitive impairment in Parkinson's disease	2020	References reviewed
Ortelli, P.; Ferrazzoli, D.; Bera, R.; Caremani, L.; Giladi, N.; Maestri, R.; Frazzitta, G.	Effectiveness of a Goal-Based Intensive Rehabilitation in Parkinsonian Patients in Advanced Stages of Disease	2018	Not RCT
Palacios-Navarro, G.; Albiol-Perez, S.; Garcia-Magarino Garcia, I.	Effects of sensory cueing in virtual motor rehabilitation. A review	2016	References reviewed

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Palamara, G.; Gotti, F.; Maestri, R.; Bera, R.; Gargantini, R.; Bossio, F.; Zivi, I.; Volpe, D.; Ferrazzoli, D.; Frazzitta, G.	Land Plus Aquatic Therapy Versus Land-Based Rehabilitation Alone for the Treatment of Balance Dysfunction in Parkinson Disease: A Randomized Controlled Study With 6-Month Follow-Up	2017	Not addressing question of interest
Park, H.S.; Yoon, J.W.; Kim, J.; Iseki, K.; Hallett, M.	Development of a VR-based treadmill control interface for gait assessment of patients with Parkinson's disease	2011	Not RCT
Paul, K.C.; Chuang, Y.H.; Shih, I.F.; Keener, A.; Bordelon, Y.; Bronstein, J.M.; Ritz, B.	The association between lifestyle factors and Parkinson's disease progression and mortality	2019	Not RCT
Paul, S.S.; Schaefer, S.Y.; Olivier, G.N.; Walter, C.S.; Lohse, K.R.; Dibble, L.E.	Dopamine Replacement Medication Does Not Influence Implicit Learning of a Stepping Task in People With Parkinson's Disease	2018	Not relevant to criteria
Pazzaglia, C.; Imbimbo, I.; Tranchita, E.; Minganti, C.; Ricciardi, D.; Lo Monaco, R.; Parisi, A.; Padua, L.	Comparison of virtual reality rehabilitation and conventional rehabilitation in Parkinson's disease: a randomised controlled trial	2020	Doesn't address comparison of interest
Pedreira, Glicia; Prazeres, Antonio; Cruz, Danilo; Gomes, Irânia; Monteiro, Larissa; Melo, Ailton	Virtual games and quality of life in Parkinson's disease: A randomised controlled trial	2013	Doesn't address comparison of interest
Pelosin, E.; Cerulli, C.; Ogliastro, C.; Lagravinese, G.; Mori, L.; Bonassi, G.; Mirelman, A.; Hausdorff, J.M.; Abbruzzese, G.; Marchese, R.; Avanzino, L.	A Multimodal Training Modulates Short Afferent Inhibition and Improves Complex Walking in a Cohort of Faller Older Adults With an Increased Prevalence of Parkinson's Disease	2020	Study population not specific to PD patients
Pena, J.; Ibarretxe-Bilbao, N.; Garcia-Gorostiaga, I.; Gomez-Beldarrain, M.A.; Diez-Cirarda, M.; Ojeda, N.	Improving functional disability and cognition in Parkinson disease: randomized controlled trial	2014	No PT intervention
Peng, L.; Fu, J.; Ming, Y.; Zeng, S.; He, H.; Chen, L.	The long-term efficacy of STN vs GPi deep brain stimulation for Parkinson disease: A meta-analysis	2018	References reviewed
Penko, A.L.; Barkley, J.E.; Rosenfeldt, A.B.; Alberts, J.L.	Multimodal Training Reduces Fall Frequency as Physical Activity Increases in Individuals With Parkinson's Disease	2019	Fewer than 10 patients per group
Peppe, A.; Paravati, S.; Baldassarre, M.G.; Bakdounes, L.; Spolaor, F.; Guiotto, A.; Pavan, D.; Sawacha, Z.; Bottino, S.; Clerici, D.; Cau, N.; Mauro, A.; Albani, G.; Avenali, M.; Sandrini, G.; Tassorelli, C.; Volpe, D.	Proprioceptive Focal Stimulation (Equistasi®) May Improve the Quality of Gait in Middle-Moderate Parkinson's Disease Patients. Double-Blind, Double-Dummy, Randomized, Crossover, Italian Multicentric Study	2019	Medical device
Peppe, A.; Paravati, S.; Baldassarre, M.G.; Bakdounes, L.; Spolaor, F.; Guiotto, A.; Pavan, D.; Sawacha, Z.; Bottino, S.; Clerici, D.; et al.,	Proprioceptive Focal Stimulation (Equistasi®) May Improve the Quality of Gait in Middle-Moderate Parkinson's Disease Patients. Double-Blind, Double-Dummy, Randomized, Crossover, Italian Multicentric Study	2019	Repeat of article ID 7652
Pereira, A.P.S.; Marinho, V.; Gupta, D.; Magalhaes, F.; Ayres, C.; Teixeira, S.	Music Therapy and Dance as Gait Rehabilitation in Patients With Parkinson Disease: A Review of Evidence	2019	References reviewed
Peters, C.; Currin, M.; Tyson, S.; Rogers, A.; Healy, S.; McPhail, S.; Brauer, S.G.; Heathcote, K.; Comans, T.	A randomized controlled trial of an enhanced interdisciplinary community based group program for people with Parkinson's disease: study rationale and protocol	2012	No result sections

Authors	Article Title	Year	Reason for Exclusion
Petrelli, A.; Kaesberg, S.; Barbe, M.T.; Timmermann, L.; Fink, G.R.; Kessler, J.; Kalbe, E.	Effects of cognitive training in Parkinson's disease: a randomized controlled trial	2014	No PT intervention
Pina Fuentes, D.; Oterdoom, D.L.M.; Van Zijl, J.C.; Moes, H.R.; Van Dijk, J.M.C.; Beudel, M.	Adaptive deep brain stimulation in parkinson's disease patients with long-term implanted deep brain stimulation electrodes	2019	PDF contains abstracts only; fewer than 10 pts per group
Pinto, C.; Pagnussat, A.S.; Rozin Kleiner, A.F.; Marchese, R.R.; Salazar, A.P.; Rieder, C.R.M.; Galli, M.	Automated Mechanical Peripheral Stimulation Improves Gait Parameters in Subjects With Parkinson Disease and Freezing of Gait: A Randomized Clinical Trial	2018	Medical device
Pinto, C.; Salazar, A.P.; Marchese, R.R.; Stein, C.; Pagnussat, A.S.	Is hydrotherapy effective to improve balance, functional mobility, motor status, and quality of life in subjects with Parkinson's disease? A systematic review and meta-analysis	2018	Systematic review
Pinto, C.; Salazar, A.P.; Marchese, R.R.; Stein, C.; Pagnussat, A.S.	The Effects of Hydrotherapy on Balance, Functional Mobility, Motor Status, and Quality of Life in Patients with Parkinson Disease: A Systematic Review and Meta-analysis	2019	References reviewed
Pohl, M.; Rockstroh, G.; Ruckriem, S.; Mrass, G.; Mehrholz, J.	Immediate effects of speed-dependent treadmill training on gait parameters in early Parkinson's disease	2003	Not relevant to criteria
Pohl, P.; Dizdar, N.; Hallert, E.	The Ronnie Gardiner Rhythm and Music Method - a feasibility study in Parkinson's disease	2013	Fewer than 10 patients in group
Pretzer-Aboff, I.; Galik, E.; Resnick, B.	Feasibility and impact of a function focused care intervention for Parkinson's disease in the community	2011	No comparison group
Protas, E.J.; Mitchell, K.; Williams, A.; Qureshy, H.; Caroline, K.; Lai, E.C.	Gait and step training to reduce falls in Parkinson's disease	2005	Fewer than 10 patients in each group
Prusch, J.S.; Kleiner, A.F.R.; Salazar, A.P.; Pinto, C.; Marchese, R.R.; Galli, M.; Pagnussat, A.S.	Automated mechanical peripheral stimulation and postural control in subjects with Parkinson's disease and freezing of gait: a randomized controlled trial	2018	Medical device
Pupikova, M.; Rektorova, I.	Non-pharmacological management of cognitive impairment in Parkinson's disease	2020	References reviewed
Qi, J.; Kerr, G.; Sullivan, K.; Smith, S.; Meinzer, M.	The effects of non-invasive transcranial brain current stimulation (tDCS) on posture over stable and unstable surfaces in people with Parkinson's: a randomised double-blind sham-controlled crossover study	2019	PDF contains abstracts only
Qi, J.; Kerr, G.; Sullivan, K.; Smith, S.; Meinzer, M.	Can non-invasive brain stimulation enhance dual-task performance in Parkinson's disease?	2019	PDF contains abstracts only
Qureshi, A.R.; Rana, A.Q.; Malik, S.H.; Rizvi, S.F.H.; Akhter, S.; Vannabouathong, C.; Sarfraz, Z.; Rana, R.	Comprehensive Examination of Therapies for Pain in Parkinson's Disease: A Systematic Review and Meta-Analysis	2018	References reviewed
Qutubuddin, A.A.; Cifu, D.X.; Armistead-Jehle, P.; Carne, W.; McGuirk, T.E.; Baron, M.S.	A comparison of computerized dynamic posturography therapy to standard balance physical therapy in individuals with Parkinson's disease: a pilot study	2007	Fewer than 10 patients
Raffegau, T.E.; Krehbiel, L.M.; Kang, N.; Thijs, F.J.; Altmann, L.J.P.; Cauraugh, J.H.; Hass, C.J.	A meta-analysis: Parkinson's disease and dual-task walking	2019	References reviewed

Authors	Article Title	Year	Reason for Exclusion
Ramazzina, I.; Bernazzoli, B.; Costantino, C.	Systematic review on strength training in Parkinson's disease: an unsolved question	2017	References reviewed
Rawson, K.S.; Cavannaugh, J.T.; Colon-Semenza, C.; DeAngelis, T.; Duncan, R.P.; Fulford, D.; LaValley, M.P.; Mazzoni, P.; Nordahl, T.; Quintiliani, L.M.; Saint-Hilaire, M.; Thomas, C.A.; Earhart, G.M.; Ellis, T.D.	Design of the WHIP-PD study: a phase II, twelve-month, dual-site, randomized controlled trial evaluating the effects of a cognitive-behavioral approach for promoting enhanced walking activity using mobile health technology in people with Parkinson-disease	2020	Study protocol
Reyes, A.; Castillo, A.; Castillo, J.; Cornejo, I.; Cruickshank, T.	The Effects of Respiratory Muscle Training on Phonatory Measures in Individuals with Parkinson's Disease	2019	Fewer than 10 patients
Reynolds, G.O.; Otto, M.W.; Ellis, T.D.; Cronin-Golomb, A.	The Therapeutic Potential of Exercise to Improve Mood, Cognition, and Sleep in Parkinson's Disease	2016	References reviewed
Ricciardi, L.; Ricciardi, D.; Lena, F.; Plotnik, M.; Petracca, M.; Barricella, S.; Bentivoglio, A.R.; Modugno, N.; Bernabei, R.; Fasano, A.	Working on asymmetry in Parkinson's disease: randomized, controlled pilot study	2015	Fewer than 10 patients per group
Robinson, A.G.; Dennett, A.M.; Snowdon, D.A.	Treadmill training may be an effective form of task-specific training for improving mobility in people with Parkinson's disease and multiple sclerosis: a systematic review and meta-analysis	2019	References reviewed
Rocchi, L.; Carlson-Kuhta, P.; Chiari, L.; Burchiel, K.J.; Hogarth, P.; Horak, F.B.	Effects of deep brain stimulation in the subthalamic nucleus or globus pallidus internus on step initiation in Parkinson disease: laboratory investigation	2012	Doesn't address question of interest
Rodrigues-Krause, J.; Krause, M.; Reischak-Oliveira, A.	Dancing for Healthy Aging: Functional and Metabolic Perspectives	2019	Systematic review
Rodriguez, M.A.; Crespo, I.; Del Valle, M.; Olmedillas, H.	Should respiratory muscle training be part of the treatment of Parkinson's disease? A systematic review of randomized controlled trials	2020	References reviewed
Rodriguez-Oroz, M.C.; Zamarbide, I.; Guridi, J.; Palmero, M.R.; Obeso, J.A.	Efficacy of deep brain stimulation of the subthalamic nucleus in Parkinson's disease 4 years after surgery: double blind and open label evaluation	2004	Fewer than 10 patients per group
Rogers, M.A.; Bradshaw, J.L.; Phillips, J.G.; Chiu, E.; Vaddadi, K.; Presnel, I.; Mileshkin, C.	Parkinsonian motor characteristics in unipolar major depression	2000	Not RCT
Romann, A.J.; Dornelles, S.; Mainieri, N.L.; Rieder, C.R.M.; Olchik, M.R.	Cognitive assessment instruments in Parkinson's disease patients undergoing deep brain stimulation	2012	References reviewed
Roper, J.A.; Kang, N.; Ben, J.; Cauraugh, J.H.; Okun, M.S.; Hass, C.J.	Deep brain stimulation improves gait velocity in Parkinson's disease: a systematic review and meta-analysis	2016	References reviewed
Rosenfeldt, A.B.; Dey, T.; Alberts, J.L.	Aerobic Exercise Preserves Olfaction Function in Individuals with Parkinson's Disease	2016	Not relevant outcome
Rosenfeldt, A.B.; Rasanow, M.; Penko, A.L.; Beall, E.B.; Alberts, J.L.	The cyclical lower extremity exercise for Parkinson's trial (CYCLE): methodology for a randomized controlled trial	2015	No result sections
Rothlind, J.C.; York, M.K.; Carlson, K.; Luo, P.; Marks, W.J., Jr.; Weaver, F.M.; Stern, M.; Follett, K.; Reda, D.; C.S.P. Study Group	Neuropsychological changes following deep brain stimulation surgery for Parkinson's disease: comparisons of treatment at pallidal and subthalamic targets versus best medical therapy	2015	Doesn't address question of interest

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Ruszala, S.; Musa, I.	An evaluation of equipment to assist patient sit-to-stand activities in physiotherapy	2005	No separate comparison group
Rutz, D.G.; Benninger, D.H.	Physical Therapy for Freezing of Gait and Gait Impairments in Parkinson Disease: A Systematic Review	2020	References reviewed
Sackley, C.M.; Rick, C.; Au, P.; Brady, M.C.; Beaton, G.; Burton, C.; Caulfield, M.; Dickson, S.; Dowling, F.; Hughes, M.; Ives, N.; Jowett, S.; Masterson-Algar, P.; Nicoll, A.; Patel, S.; Smith, C.H.; Woolley, R.; Clarke, C.E.; Church, A.; Davey, A.; Gallagher, C.; Conroy, A.; Bailey, S.; Done, B.; Davies, D.; Sveinbjorndottir, S.; Kasti, M.; Allen, K.; Colnet, J.; Riches, J.; Kittridge, L.; Morris, L.; Waszkiewicz, C.; Lyell, V.; Page, V.; Bassford, N.; Rayner, H.; Henderson, E.; Abraham,	A multicentre, randomised controlled trial to compare the clinical and cost-effectiveness of Lee Silverman Voice Treatment versus standard NHS Speech and Language Therapy versus control in Parkinson's disease: A study protocol for a randomised controlled trial	2020	Study protocol
Sackley, C.M.; Smith, C.H.; Rick, C.E.; Brady, M.C.; Ives, N.; Patel, S.; Woolley, R.; Dowling, F.; Patel, R.; Roberts, H.; Jowett, S.; Wheatley, K.; Kelly, D.; Sands, G.; Clarke, C.E.; Molloy, S.; Pavel, C.; Rowbottom, C.; Tweedie, E.; Clarke, P.C.; Nicholl, D.; Siddiqui, F.; Kanakaratna, C.; Bennett, R.; Blachford, K.; Boughey, A.; Harrison, T.; Basso, M.N.; Pooler, J.; Round, J.; Smith, A.; Waszkiewicz, C.; Raw, J.; Vassallo, J.; Ansari, A.; Birtwell, K.; Brooke, J.; Finnigan, K.; Gill	Lee Silverman Voice Treatment versus standard speech and language therapy versus control in Parkinson's disease: A pilot randomised controlled trial (PD COMM pilot)	2018	No PT intervention
Sage, M.D.; Johnston, R.E.; Almeida, Q.J.	Comparison of exercise strategies for motor symptom improvement in Parkinson's disease	2011	Not RCT
Salmanpour, M.R.; Shamsaei, M.; Saberi, A.; Setayeshi, S.; Klyuzhin, I.S.; Sossi, V.; Rahmim, A.	Optimized machine learning methods for prediction of cognitive outcome in Parkinson's disease	2019	Not an RCT
Saltychev, M.; Barlund, E.; Paltamaa, J.; Katajapuu, N.; Laimi, K.	Progressive resistance training in Parkinson's disease: a systematic review and meta-analysis	2016	References reviewed
Santos, L.; Fernandez-Rio, J.; Winge, K.; Barragan-Perez, B.; Rodriguez-Perez, V.; Gonzalez-Diez, V.; Blanco-Traba, M.; Suman, O.E.; Philip Gabel, C.; Rodriguez-Gomez, J.	Effects of supervised slackline training on postural instability, freezing of gait, and falls efficacy in people with Parkinson's disease	2017	No PT intervention

Authors	Article Title	Year	Reason for Exclusion
Santos, P.; Machado, T.; Santos, L.; Ribeiro, N.; Melo, A.	Efficacy of the Nintendo Wii combination with Conventional Exercises in the rehabilitation of individuals with Parkinson's disease: A randomized clinical trial	2019	Doesn't address comparison of interest
Schabrun, S.M.; Lamont, R.M.; Brauer, S.G.	Transcranial Direct Current Stimulation to Enhance Dual-Task Gait Training in Parkinson's Disease: A Pilot RCT	2016	Fewer than 10 patients in each group
Schlenstedt, C.; Mancini, M.; Horak, F.; Peterson, D.	Anticipatory Postural Adjustment During Self-Initiated, Cued, and Compensatory Stepping in Healthy Older Adults and Patients With Parkinson Disease	2017	No PD comparison group
Schlick, C.; Ernst, A.; Botzel, K.; Plate, A.; Pelykh, O.; Ilmberger, J.	Visual cues combined with treadmill training to improve gait performance in Parkinson's disease: a pilot randomized controlled trial	2016	Patient population size fewer than 10 per group
Seamon, B.A.; Kautz, S.A.; Velozo, C.A.	Rasch Analysis of the Activities-Specific Balance Confidence Scale in Individuals Poststroke	2019	Retrospective; study population not PD
Serrao, M.; Pierelli, F.; Sinibaldi, E.; Chini, G.; Castiglia, S.F.; Priori, M.; Gimma, D.; Sellitto, G.; Ranavolo, A.; Conte, C.; Bartolo, M.; Monari, G.	Progressive Modular Rebalancing System and Visual Cueing for Gait Rehabilitation in Parkinson's Disease: A Pilot, Randomized, Controlled Trial With Crossover	2019	Duplicate of 12303
Shanahan, J.; Morris, M.E.; Bhriain, O.N.; Saunders, J.; Clifford, A.M.	Dance for people with Parkinson disease: what is the evidence telling us?	2015	References reviewed
Sharma, N.K.; Robbins, K.; Wagner, K.; Colgrove, Y.M.	A randomized controlled pilot study of the therapeutic effects of yoga in people with Parkinson's disease	2015	Fewer than 10 in each group
Sharp, K.; Hewitt, J.	Dance as an intervention for people with Parkinson's disease: a systematic review and meta-analysis	2014	Systematic review
Shen, X.; Wong-Yu, I.S.K.; Mak, M.K.Y.	Effects of Exercise on Falls, Balance, and Gait Ability in Parkinson's Disease	2016	References reviewed
Shinmei, I.; Kobayashi, K.; Oe, Y.; Takagishi, Y.; Kanie, A.; Ito, M.; Takebayashi, Y.; Murata, M.; Horikoshi, M.; Dobkin, R.D.	Cognitive behavioral therapy for depression in Japanese Parkinson's disease patients: A pilot study	2016	Not RCT, no comparison group
Shu, H.F.; Yang, T.; Yu, S.X.; Huang, H.D.; Jiang, L.L.; Gu, J.W.; Kuang, Y.Q.	Aerobic exercise for Parkinson's disease: a systematic review and meta-analysis of randomized controlled trials	2014	Systematic review
Shujaat, F.; Soomro, N.; Khan, M.	The effectiveness of Kayaking exercises as compared to general mobility exercises in reducing axial rigidity and improve bed mobility in early to mid stage of Parkinson's disease	2014	Doesn't address comparison of interest
Siegert, C.; Hauptmann, B.; Jochems, N.; Schrader, A.; Deck, R.	ParkProTrain: an individualized, tablet-based physiotherapy training programme aimed at improving quality of life and participation restrictions in PD patients - a study protocol for a quasi-randomized, longitudinal and sequential multi-method study	2019	No result sections
Sijobert, B.; Azevedo, C.; Andreu, D.; Verna, C.; Geny, C.	Effects of Sensitive Electrical Stimulation-Based Somatosensory Cueing in Parkinson's Disease Gait and Freezing of Gait Assessment	2017	Not RCT
Silva de Lima, A.L.; Evers, L.J.W.; Hahn, T.; Bataille, L.; Hamilton, J.L.; Little, M.A.; Okuma, Y.; Bloem, B.R.; Faber, M.J.	Freezing of gait and fall detection in Parkinson's disease using wearable sensors: a systematic review	2017	References reviewed

Authors	Article Title	Year	Reason for Exclusion
Silva, A.Z.D.; Israel, V.L.	Effects of dual-task aquatic exercises on functional mobility, balance and gait of individuals with Parkinson's disease: A randomized clinical trial with a 3-month follow-up	2019	Doesn't address comparison of interest
Silva, K.G.; De Freitas, T.B.; Dona, F.; Gananca, F.F.; Ferraz, H.B.; Torriani-Pasin, C.; Pompeu, J.E.	Effects of virtual rehabilitation versus conventional physical therapy on postural control, gait, and cognition of patients with Parkinson's disease: study protocol for a randomized controlled feasibility trial	2017	No result sections
Silva-Batista, C.; de Brito, L.C.; Corcos, D.M.; Roschel, H.; de Mello, M.T.; Piemonte, M.E.P.; Tricoli, V.; Ugrinowitsch, C.	Resistance Training Improves Sleep Quality in Subjects With Moderate Parkinson's Disease	2017	Outcomes not relevant to criteria
Skelly, R.; Brown, L.; Fakis, A.; Kimber, L.; Downes, C.; Lindop, F.; Johnson, C.; Bartliff, C.; Bajaj, N.	Does a specialist unit improve outcomes for hospitalized patients with Parkinson's disease?	2014	Not RCT
Smania, N.; Corato, E.; Tinazzi, M.; Stanzani, C.; Fiaschi, A.; Girardi, P.; Gandolfi, M.	Effect of balance training on postural instability in patients with idiopathic parkinson's disease	2010	Repeat of article ID 1721
Solla, P.; Cugusi, L.; Bertoli, M.; Cereatti, A.; Della Croce, U.; Pani, D.; Fadda, L.; Cannas, A.; Marrosu, F.; Defazio, G.; Mercuro, G.	Sardinian Folk Dance for Individuals with Parkinson's Disease: A Randomized Controlled Pilot Trial	2019	Fewer than 10 patients in each group
Song, J.H.; Zhou, P.Y.; Cao, Z.H.; Ding, Z.G.; Chen, H.X.; Zhang, G.B.	Rhythmic auditory stimulation with visual stimuli on motor and balance function of patients with Parkinson's disease	2015	Insufficient data
Song, R.; Grabowska, W.; Park, M.; Osypiuk, K.; Vergara-Diaz, G.P.; Bonato, P.; Hausdorff, J.M.; Fox, M.; Sudarsky, L.R.; Macklin, E.; Wayne, P.M.	The impact of Tai Chi and Qigong mind-body exercises on motor and non-motor function and quality of life in Parkinson's disease: A systematic review and meta-analysis	2017	References reviewed
Sparrow, D.; DeAngelis, T.R.; Hendron, K.; Thomas, C.A.; Saint-Hilaire, M.; Ellis, T.	Highly Challenging Balance Program Reduces Fall Rate in Parkinson Disease	2016	Patient population size
Spaulding, S.J.; Barber, B.; Colby, M.; Cormack, B.; Mick, T.; Jenkins, M.E.	Cueing and gait improvement among people with Parkinson's disease: a meta-analysis	2013	References reviewed
St George, R.J.; Carlson-Kuhta, P.; Burchiel, K.J.; Hogarth, P.; Frank, N.; Horak, F.B.	The effects of subthalamic and pallidal deep brain stimulation on postural responses in patients with Parkinson disease	2012	Doesn't address question of interest
St George, R.J.; Carlson-Kuhta, P.; King, L.A.; Burchiel, K.J.; Horak, F.B.	Compensatory stepping in Parkinson's disease is still a problem after deep brain stimulation randomized to STN or GPi	2015	Doesn't address question of interest
St George, R.J.; Carlson-Kuhta, P.; Nutt, J.G.; Hogarth, P.; Burchiel, K.J.; Horak, F.B.	The effect of deep brain stimulation randomized by site on balance in Parkinson's disease	2014	Doesn't address question of interest
Stack, E.; Agarwal, V.; King, R.; Burnett, M.; Tahavori, F.; Janko, B.; Harwin, W.; Ashburn, A.; Kunkel, D.	Identifying balance impairments in people with Parkinson's disease using video and wearable sensors	2018	Not RCT
Stack, E.; Roberts, H.; Ashburn, A.	The PIT: SToPP Trial-A Feasibility Randomised Controlled Trial of Home-Based Physiotherapy for People with Parkinson's Disease Using Video-Based Measures to Preserve Assessor Blinding	2012	Insufficient data

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Staiano, A.E.; Flynn, R.	Therapeutic Uses of Active Videogames: A Systematic Review	2014	References reviewed
Stanmore, E.; Stubbs, B.; Vancampfort, D.; de Bruin, E.D.; Firth, J.	The effect of active video games on cognitive functioning in clinical and non-clinical populations: A meta-analysis of randomized controlled trials	2017	Systematic review
Steffen, T.; Seney, M.	Test-retest reliability and minimal detectable change on balance and ambulation tests, the 36-item short-form health survey, and the unified Parkinson disease rating scale in people with parkinsonism	2008	Mixed patient population-not only Parkinson
Strouwen, C.; Molenaar, E.A.; Keus, S.H.; Munks, L.; Heremans, E.; Vandenberghe, W.; Bloem, B.R.; Nieuwboer, A.	Are factors related to dual-task performance in people with Parkinson's disease dependent on the type of dual task?	2016	Not RCT
Strouwen, C.; Molenaar, E.A.; Keus, S.H.; Munks, L.; Munneke, M.; Vandenberghe, W.; Bloem, B.R.; Nieuwboer, A.	Protocol for a randomized comparison of integrated versus consecutive dual task practice in Parkinson's disease: the DUALITY trial	2014	No result sections
Strouwen, C.; Molenaar, Ealm; Munks, L.; Broeder, S.; Ginis, P.; Bloem, B.R.; Nieuwboer, A.; Heremans, E.	Determinants of Dual-Task Training Effect Size in Parkinson Disease: Who Will Benefit Most?	2019	Does not address question of interest
Stuart, S.; Vitorio, R.; Morris, R.; Martini, D.N.; Fino, P.C.; Mancini, M.	Cortical activity during walking and balance tasks in older adults and in people with Parkinson's disease: A structured review	2018	References reviewed
Stuckenschneider, T.; Askew, C.D.; Meneses, A.L.; Baake, R.; Weber, J.; Schneider, S.	The Effect of Different Exercise Modes on Domain-Specific Cognitive Function in Patients Suffering from Parkinson's Disease: A Systematic Review of Randomized Controlled Trials	2019	References reviewed
Sturkenboom, I.H.; Graff, M.J.; Borm, G.F.; Adang, E.M.; Nijhuis-van der Sanden, M.W.; Bloem, B.R.; Munneke, M.	Effectiveness of occupational therapy in Parkinson's disease: study protocol for a randomized controlled trial	2013	No result sections
Sturkenboom, I.H.; Graff, M.J.; Borm, G.F.; Veenhuizen, Y.; Bloem, B.R.; Munneke, M.; Nijhuis-van der Sanden, M.W.	The impact of occupational therapy in Parkinson's disease: a randomized controlled feasibility study	2013	No PT intervention
Sturkenboom, I.H.; Graff, M.J.; Hendriks, J.C.; Veenhuizen, Y.; Munneke, M.; Bloem, B.R.; Nijhuis-van der Sanden, M.W.; O.TiP study group	Efficacy of occupational therapy for patients with Parkinson's disease: a randomised controlled trial	2014	No PT intervention
Sturkenboom, I.H.; Hendriks, J.C.; Graff, M.J.; Adang, E.M.; Munneke, M.; Nijhuis-van der Sanden, M.W.; Bloem, B.R.	Economic evaluation of occupational therapy in Parkinson's disease: A randomized controlled trial	2015	Cost analysis
Sturkenboom, I.H.; Nijhuis-van der Sanden, M.W.; Graff, M.J.	A process evaluation of a home-based occupational therapy intervention for Parkinson's patients and their caregivers performed alongside a randomized controlled trial	2016	Doesn't include analyses with comparison group
Suarez-Iglesias, D.; Miller, K.J.; Seijo-Martinez, M.; Ayan, C.	Benefits of Pilates in Parkinson's Disease: A Systematic Review and Meta-Analysis	2019	References reviewed
Sun, Y.; Chen, X.	A randomized controlled clinical trial of a core stability exercise program for the intrinsic motivation of Parkinson's patients	2017	Doesn't address question of interest

Authors	Article Title	Year	Reason for Exclusion
Svaerke, K.; Niemeijer, M.; LÃ³kkegaard, A.	The Effects of Computer-Based Cognitive Rehabilitation on Working Memory in Patients with Parkinson's Disease: A Systematic Review	2020	References reviewed
Swank, C.; Shearin, S.; Cleveland, S.; Driver, S.	Auditing the Physical Activity and Parkinson Disease Literature Using the Behavioral Epidemiologic Framework	2017	References reviewed
Tambosco, L.; Percebois-Macadre, L.; Rapin, A.; Nicomette-Bardel, J.; Boyer, F.C.	Effort training in Parkinson's disease: a systematic review	2014	Systematic review
Tamplin, J.; Morris, M.E.; Marigliani, C.; Baker, F.A.; Vogel, A.P.	ParkinSong: A Controlled Trial of Singing-Based Therapy for Parkinson's Disease	2019	Not RCT; included atypical PD
Tang, L.; Fang, Y.; Yin, J.	The effects of exercise interventions on Parkinson's disease: A Bayesian network meta-analysis	2019	References reviewed
Terrens, A.F.; Soh, S.E.; Morgan, P.E.	The efficacy and feasibility of aquatic physiotherapy for people with Parkinson's disease: a systematic review	2018	References reviewed
Toh, S.F.M.	A systematic review on the effectiveness of Tai Chi exercise in individuals with Parkinson's disease from 2003 to 2013	2013	Systematic review
Tomlinson, C.L.; Herd, C.P.; Clarke, C.E.; Meek, C.; Patel, S.; Stowe, R.; Deane, K.H.; Shah, L.; Sackley, C.M.; Wheatley, K.; Ives, N.	Physiotherapy for Parkinson's disease: a comparison of techniques	2014	Systematic review
Triegaardt, J.; Han, T.S.; Sada, C.; Sharma, S.; Sharma, P.	The role of virtual reality on outcomes in rehabilitation of Parkinson's disease: meta-analysis and systematic review in 1031 participants	2020	References reviewed
Trigueiro, L.C.; Gama, G.L.; Simao, C.R.; Sousa, A.V.; Godeiro Junior Cde, O.; Lindquist, A.R.	Effects of Treadmill Training with Load on Gait in Parkinson Disease: A Randomized Controlled Clinical Trial	2015	Fewer than 10 patients in each group
Uc, E.Y.; Doerschug, K.C.; Magnotta, V.; Dawson, J.D.; Thomsen, T.R.; Kline, J.N.; Rizzo, M.; Newman, S.R.; Mehta, S.; Grabowski, T.J.; Bruss, J.; Blanchette, D.R.; Anderson, S.W.; Voss, M.W.; Kramer, A.F.; Darling, W.G.	Phase I/II randomized trial of aerobic exercise in Parkinson disease in a community setting	2014	Mixed patient population-Parkinsonisms
Uchitomi, H.; Ogawa, K.; Orimo, S.; Wada, Y.; Miyake, Y.	Effect of Interpersonal Interaction on Festinating Gait Rehabilitation in Patients with Parkinson's Disease	2016	Not RCT
Uhrbrand, A.; Stenager, E.; Pedersen, M.S.; Dalgas, U.	Parkinson's disease and intensive exercise therapy--a systematic review and meta-analysis of randomized controlled trials	2015	Systematic review
Unterreiner, M.; Biedermann, C.; El-Fahem, R.; John, M.; Klose, S.; Haas, C.T.; Wachter, T.	Comparing computer-aided therapy with conventional physiotherapy in Parkinson's disease: An equivalence study	2019	Doesn't address comparison of interest
Unterreiner, M.; Biedermann, C.; El-Fahem, R.; John, M.; Klose, S.; Haas, C.T.; Wachter, T.	Comparing computer-aided therapy with conventional physiotherapy in Parkinson's disease: an equivalence study	2019	Repeat of article ID 10665

Authors	Article Title	Year	Reason for Exclusion
van Balkom, T.D.; Berendse, H.W.; van der Werf, Y.D.; Twisk, J.W.R.; Zijlstra, I.; Hagen, R.H.; Berk, T.; Vriend, C.; van den Heuvel, O.A.	COGTIPS: a double-blind randomized active controlled trial protocol to study the effect of home-based, online cognitive training on cognition and brain networks in Parkinson's disease	2019	Study protocol
van Beek, J.J.W.; van Wegen, E.E.H.; Bohlhalter, S.; Vanbellingen, T.	Exergaming-Based Dexterity Training in Persons With Parkinson Disease: A Pilot Feasibility Study	2019	Not RCT
van de Weijer, S.C.; Duits, A.A.; Bloem, B.R.; Kessels, R.P.; Jansen, J.F.; Kohler, S.; Tissingh, G.; Kuijf, M.L.	The Parkin'Play study: protocol of a phase II randomized controlled trial to assess the effects of a health game on cognition in Parkinson's disease	2016	No result sections
van den Heuvel, M.R.; van Wegen, E.E.; de Goede, C.J.; Burgers-Bots, I.A.; Beek, P.J.; Daffertshofer, A.; Kwakkel, G.	The effects of augmented visual feedback during balance training in Parkinson's disease: study design of a randomized clinical trial	2013	No result sections
van der Kolk, N.M.; Overeem, S.; de Vries, N.M.; Kessels, R.P.; Donders, R.; Brouwer, M.; Berg, D.; Post, B.; Bloem, B.R.	Design of the Park-in-Shape study: a phase II double blind randomized controlled trial evaluating the effects of exercise on motor and non-motor symptoms in Parkinson's disease	2015	No result sections
van Nimwegen, M.; Speelman, A.D.; Smulders, K.; Overeem, S.; Borm, G.F.; Backx, F.J.; Bloem, B.R.; Munneke, M.; ParkFit Study, Group	Design and baseline characteristics of the ParkFit study, a randomized controlled trial evaluating the effectiveness of a multifaceted behavioral program to increase physical activity in Parkinson patients	2010	Study protocol; full study ID# 1386
Van Ooteghem, K.; Frank, J.S.; Horak, F.B.	Postural motor learning in Parkinson's disease: The effect of practice on continuous compensatory postural regulation	2017	Not RCT
Van Puymbroeck, M.; Walter, A.A.; Hawkins, B.L.; Sharp, J.L.; Woschkolup, K.; Urrea-Mendoza, E.; Revilla, F.; Adams, E.V.; Schmid, A.A.	Corrigendum to "Functional Improvements in Parkinson's Disease Following a Randomized Trial of Yoga"	2018	Not relevant to criteria
Veazey, C.; Cook, K.F.; Stanley, M.; Lai, E.C.; Kunik, M.E.	Telephone-administered cognitive behavioral therapy: a case study of anxiety and depression in Parkinson's disease	2009	Fewer than 10 patients per group
Vienne, A.; Barrois, R.P.; Buffat, S.; Ricard, D.; Vidal, P.P.	Inertial Sensors to Assess Gait Quality in Patients with Neurological Disorders: A Systematic Review of Technical and Analytical Challenges	2017	References reviewed
Vivas, J.; Arias, P.; Cudeiro, J.	Aquatic therapy versus conventional land-based therapy for Parkinson's disease: an open-label pilot study	2011	Patient population
Volpe, D.; Giantin, M.G.; Manuela, P.; Filippetto, C.; Pelosin, E.; Abbruzzese, G.; Antonini, A.	Water-based vs. non-water-based physiotherapy for rehabilitation of postural deformities in Parkinson's disease: a randomized controlled pilot study	2017	Incorrect population
Vorasoot, N.; Termsarasab, P.; Thadanipon, K.; Pulkes, T.	Effects of handwriting exercise on functional outcome in Parkinson disease: A randomized controlled trial	2020	No PT intervention
Voss, T.S.; Elm, J.J.; Wielinski, C.L.; Aminoff, M.J.; Bandyopadhyay, D.; Chou, K.L.; Sudarsky, L.R.; Tilley, B.C.; Falls Writing Group, Ninds N.E.T.P.D.Investigators	Fall frequency and risk assessment in early Parkinson's disease	2012	Doesn't address question of interest

Authors	Article Title	Year	Reason for Exclusion
Walton, C.C.; Mowszowski, L.; Gilat, M.; Hall, J.M.; O'Callaghan, C.; Muller, A.J.; Georgiades, M.; Szeto, J.Y.Y.; Ehgoetz Martens, K.A.; Shine, J.M.; Naismith, S.L.; Lewis, S.J.G.	Cognitive training for freezing of gait in Parkinson's disease: a randomized controlled trial	2018	No PT intervention
Wang, B.; Shen, M.; Wang, Y.X.; He, Z.W.; Chi, S.Q.; Yang, Z.H.	Effect of virtual reality on balance and gait ability in patients with Parkinson's disease: a systematic review and meta-analysis	2019	Systematic review
Wang, J.W.; Zhang, Y.Q.; Zhang, X.H.; Wang, Y.P.; Li, J.P.; Li, Y.J.	Deep Brain Stimulation of Pedunculopontine Nucleus for Postural Instability and Gait Disorder After Parkinson Disease: A Meta-Analysis of Individual Patient Data	2017	References reviewed
Wang, M.; Li, Z.; Lee, E.Y.; Lewis, M.M.; Zhang, L.; Sterling, N.W.; Wagner, D.; Eslinger, P.; Du, G.; Huang, X.	Predicting the multi-domain progression of Parkinson's disease: a Bayesian multivariate generalized linear mixed-effect model	2017	Not RCT
Wang, X.Q.; Pi, Y.L.; Chen, B.L.; Wang, R.; Li, X.; Chen, P.J.	Cognitive motor intervention for gait and balance in Parkinson's disease: systematic review and meta-analysis	2016	References reviewed
Warlop, T.; Detrembleur, C.; Buxes Lopez, M.; Stoquart, G.; Lejeune, T.; Jeanjean, A.	Does Nordic Walking restore the temporal organization of gait variability in Parkinson's disease?	2017	Not RCT, not all PD patients
Watts, J.J.; McGinley, J.L.; Huxham, F.; Menz, H.B.; Iansek, R.; Murphy, A.T.; Waller, E.R.; Morris, M.E.	Cost effectiveness of preventing falls and improving mobility in people with Parkinson disease: protocol for an economic evaluation alongside a clinical trial	2008	Cost analysis
Weaver, F.M.; Follett, K.A.; Stern, M.; Luo, P.; Harris, C.L.; Hur, K.; Marks, W.J., Jr.; Rothlind, J.; Sagher, O.; Moy, C.; Pahwa, R.; Burchiel, K.; Hogarth, P.; Lai, E.C.; Duda, J.E.; Holloway, K.; Samii, A.; Horn, S.; Bronstein, J.M.; Stoner, G.; Starr, P.A.; Simpson, R.; Baltuch, G.; De Salles, A.; Huang, G.D.; Reda, D.J.	Randomized trial of deep brain stimulation for Parkinson disease: thirty 6-month outcomes	2012	Doesn't address question of interest
Weaver, F.M.; Stroupe, K.T.; Cao, L.; Holloway, R.G.; Vickrey, B.G.; Simuni, T.; Hendricks, A.; Ippolito, D.	Parkinson's disease medication use and costs following deep brain stimulation	2012	Cost analysis
Weiss, D.; Walach, M.; Meisner, C.; Fritz, M.; Scholten, M.; Breit, S.; Plewnia, C.; Bender, B.; Gharabaghi, A.; Wachter, T.; Kruger, R.	Nigral stimulation for resistant axial motor impairment in Parkinson's disease? A randomized controlled trial	2013	Not relevant to criteria treatment
Welman, K.; Atterbury, E.	//Therapist-supervised compared to home-based balance training encourages a 'posture first' strategy during turn-to-sit transitions in individuals with Parkinson's disease	2018	Not a full study
Willems, A.M.; Nieuwboer, A.; Chavret, F.; Desloovere, K.; Dom, R.; Rochester, L.; Jones, D.; Kwakkel, G.; Van Wegen, E.	The use of rhythmic auditory cues to influence gait in patients with Parkinson's disease, the differential effect for freezers and non-freezers, an explorative study	2006	Not RCT

Authors	Article Title	Year	Reason for Exclusion
Williams, A.; Gill, S.; Varma, T.; Jenkinson, C.; Quinn, N.; Mitchell, R.; Scott, R.; Ives, N.; Rick, C.; Daniels, J.; Patel, S.; Wheatley, K.	Deep brain stimulation plus best medical therapy versus best medical therapy alone for advanced Parkinson's disease (PD SURG trial): a randomised, open-label trial	2010	Doesn't address question of interest
Wills, A.M.; Li, R.; Perez, A.; Ren, X.; Boyd, J.; Ninds Net-Pd Investigators	Predictors of weight loss in early treated Parkinson's disease from the NET-PD LS-1 cohort	2017	Doesn't address question of interest
Winser, S.J.; Paul, L.F.; Magnus, L.K.L.; Yan, S.; Shenug, T.P.; Sing, Y.M.; Cheing, G.	Economic Evaluation of Exercise-Based Fall Prevention Programs for People with Parkinson's Disease: A Systematic Review	2019	References reviewed
Wittwer, J.E.; Webster, K.E.; Hill, K.	Rhythmic auditory cueing to improve walking in patients with neurological conditions other than Parkinson's disease--what is the evidence?	2013	Systematic review
Wu, B.; Han, L.; Sun, B.M.; Hu, X.W.; Wang, X.P.	Influence of deep brain stimulation of the subthalamic nucleus on cognitive function in patients with Parkinson's disease	2014	References reviewed
Wu, P.L.; Lee, M.; Huang, T.T.	Effectiveness of physical activity on patients with depression and Parkinson's disease: A systematic review	2017	References reviewed
Xie, T.; Padmanaban, M.; Bloom, L.; MacCracken, E.; Bertacchi, B.; Dachman, A.; Warnke, P.	Effect of low versus high frequency stimulation on freezing of gait and other axial symptoms in Parkinson patients with bilateral STN DBS: a mini-review	2017	Systematic review
Xie, Y.J.; Gao, Q.; He, C.Q.; Bian, R.	Effect of Repetitive Transcranial Magnetic Stimulation on Gait and Freezing of Gait in Parkinson Disease: A Systematic Review and Meta-analysis	2020	References reviewed
Yang, L.; Lam, F.M.H.; Liao, L.R.; Huang, M.Z.; He, C.Q.; Pang, M.Y.C.	Psychometric properties of dual-task balance and walking assessments for individuals with neurological conditions: A systematic review	2017	References reviewed
Yang, Y.; Hao, Y.L.; Tian, W.J.; Gong, L.; Zhang, K.; Shi, Q.G.; Sun, D.F.; Li, C.L.; Zhao, Z.L.	The effectiveness of Tai Chi for patients with Parkinson's disease: study protocol for a randomized controlled trial	2015	No result sections
Yang, Y.; Li, X.Y.; Gong, L.; Zhu, Y.L.; Hao, Y.L.	Tai Chi for improvement of motor function, balance and gait in Parkinson's disease: a systematic review and meta-analysis	2014	Systematic review
Yitayeh, A.; Teshome, A.	The effectiveness of physiotherapy treatment on balance dysfunction and postural instability in persons with Parkinson's disease: a systematic review and meta-analysis	2016	References reviewed
Yotnuengnit, P.; Bhidayasiri, R.; Donkhan, R.; Chaluaysrimuang, J.; Piravej, K.	Effects of Transcranial Direct Current Stimulation Plus Physical Therapy on Gait in Patients With Parkinson Disease: A Randomized Controlled Trial	2018	Patients do not receive DBS (tDCS = noninvasive)
Yuen, C.; Chua, K.; Lau, W.; Zhuang, Z.; Chow, H.; Li, M.	The effect of conduction exercise and self-acupressure in treatment of Parkinson's disease: Protocol for a pilot study	2019	Study protocol
Zeng, W.; Kao, P.J.; Lee, Y.Y.; Wu, R.M.; Luh, J.J.; Lin, S.Y.	Effects of combined auditory cues and treadmill training on cortical excitability and gait performance in Parkinson's disease	2019	Only contains abstract, fewer than 10 patients per group
Zhan, A.; Mohan, S.; Tarolli, C.; Schneider, R.B.; Adams, J.L.; Sharma, S.; Elson, M.J.; Spear, K.L.; Glidden, A.M.; Little,	Using Smartphones and Machine Learning to Quantify Parkinson Disease Severity: The Mobile Parkinson Disease Score	2018	Not RCT

Authors	Article Title	Year	Reason for Exclusion
M.A.; Terzis, A.; Dorsey, E.R.; Saria, S.			
Zhang, Q.; Hu, J.; Wei, L.; Jia, Y.; Jin, Y.	Effects of dance therapy on cognitive and mood symptoms in people with Parkinson's disease: A systematic review and meta-analysis	2019	References reviewed
Zhang, S.; Liu, D.; Ye, D.; Li, H.; Chen, F.	Can music-based movement therapy improve motor dysfunction in patients with Parkinson's disease? Systematic review and meta-analysis	2017	References reviewed

Guideline Development Group Disclosures

Prior to the development of this clinical practice guideline, clinical practice guideline development group members disclosed conflicts of interest (COI). They disclosed COIs in writing to the American Academy of Orthopaedic Surgeons via a private online reporting database and verbally at the recommendation approval meeting.